

Appendix C2

American Kestrel Eggs

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG04BL

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Barr Lake

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.489	1.956	10.7		10.7	10.7	10.7	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
1234678-HpCDF	0.610	2.438	4.19		4.2	4.2	4.2	0.01	0.0	0.0	0.0	0.1%	0.1%	0.2%
1234789-HpCDF	0.911	3.642	LT		0.5			0.01	0.0			0.0%		
123478-HxCDD	1.912	7.648	LT	EMPC	1			0.05	0.1			0.2%		
123478-HxCDF	0.213	0.853	1.07		1.1	1.1	1.1	0.1	0.1	0.1	0.1	0.4%	0.4%	0.5%
123678-HxCDD	3.668	14.672	LT	EMPC	1.8			0.01	0.0			0.1%		
123678-HxCDF	0.170	0.681	1.59		1.6	1.6	1.6	0.1	0.2	0.2	0.2	0.5%	0.6%	0.8%
123789-HxCDD	1.098	4.392	LT	EMPC	0.5			0.1	0.1			0.2%		
123789-HxCDF	0.202	0.809	1.17	B	1.2	1.2	0.6	0.1	0.1	0.1	0.1	0.4%	0.4%	0.3%
12378-PeCDD	0.119	0.474	2.6		2.6	2.6	2.6	1	2.6	2.6	2.6	8.9%	9.1%	12.6%
12378-PeCDF	0.720	2.880	LT	EMPC	0.4			0.1	0.0			0.1%		
234678-HxCDF	1.621	6.484	LT	EMPC	0.8			0.1	0.1			0.3%		
23478-PeCDF	0.112	0.446	1.71		1.7	1.7	1.7	1	1.7	1.7	1.7	5.8%	6.0%	8.3%
2378-TCDD	0.758	3.032	LT	EMPC	0.4			1	0.4			1.4%		
2378-TCDF	0.297	1.190	1.46	U	1.5	1.5	0.7	1	1.5	1.5	0.7	5.1%	5.3%	3.4%
OCDD	0.417	1.668	33.3		33.3	33.3	33.3	0	0	0	0	0%	0%	0%
OCDF	0.485	1.941	3.17	B	3.2	3.2	1.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	1.060	4.240	2850		2850	2850	2850	0.0001	0.3	0.3	0.3	1.0%	1.0%	1.4%
PCB 157	1.070	4.280	801.2		801.2	801.2	801.2	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.4%
PCB 105	0.765	3.060	2760		2760	2760	2760	0.0001	0.3	0.3	0.3	0.9%	1.0%	1.3%
PCB 167	1.000	4.000	2510		2510	2510	2510	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 114	0.744	2.976	136.2		136.2	136.2	136.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.831	3.324	8370		8370	8370	8370	0.00001	0.1	0.1	0.1	0.3%	0.3%	0.4%
PCB 123	0.886	3.544	223.6		223.6	223.6	223.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	7.162	28.648	10.5	J	10.5	10.5		0.001	0.0	0.0		0.0%	0.0%	
PCB 126	15.080	60.320	77.66	J	77.7	77.7	38.8	0.1	7.8	7.8	3.9	26.6%	27.3%	18.8%
PCB 77	4.291	17.164	211.3		211.3	211.3	211.3	0.05	10.6	10.6	10.6	36.2%	37.1%	51.3%
PCB 81	20.750	83.000	31.65	J	31.7	31.7		0.1	3.2	3.2		10.9%	11.1%	

Total					TEQs		
					Full	Partial	Quant
All PCDDs/PCDFs					6.9	6.2	5.4
All PCBs					22.3	22.3	15.2
All PCDDs/PCDFs/PCBs					29.2	28.5	20.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG03BL

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Barr Lake

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.482	1.928	2.55	B	2.6	2.6	1.3	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.431	1.724	LT		0.2			0.01	0.0			0.0%		
1234789-HpCDF	0.628	2.512	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.172	0.687	1.62	B	1.6	1.6	0.8	0.05	0.1	0.1	0.0	0.7%	0.7%	0.5%
123478-HxCDF	0.130	0.520	0.684	B	0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.6%	0.6%	0.4%
123678-HxCDD	0.142	0.569	1.97		2	2	2	0.01	0.0	0.0	0.0	0.2%	0.2%	0.3%
123678-HxCDF	0.754	3.016	LT	EMPC	0.4			0.1	0.0			0.3%		
123789-HxCDD	0.468	1.872	LT	EMPC	0.2			0.1	0.0			0.2%		
123789-HxCDF	1.204	4.816	LT	EMPC	0.6			0.1	0.1			0.5%		
12378-PeCDD	0.125	0.500	3.01		3	3	3	1	3.0	3.0	3.0	24.8%	27.0%	38.0%
12378-PeCDF	0.243	0.972	LT		0.1			0.1	0.0			0.1%		
234678-HxCDF	0.801	3.204	LT	EMPC	0.4			0.1	0.0			0.3%		
23478-PeCDF	0.114	0.455	1.26		1.3	1.3	1.3	1	1.3	1.3	1.3	10.7%	11.7%	16.5%
2378-TCDD	0.688	2.750	0.87		0.9	0.9		1	0.9	0.9		7.4%	8.1%	
2378-TCDF	0.187	0.749	0.495	U	0.5	0.5		1	0.5	0.5		4.1%	4.5%	
OCDD	0.505	2.020	17.6	B	17.6	17.6	8.8	0	0	0	0	0%	0%	0%
OCDF	0.605	2.418	1.32	B	1.3	1.3		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189				NC, J				0.00001						
PCB 156	6.470	25.880	744		744	744	744	0.0001	0.1	0.1	0.1	0.6%	0.7%	0.9%
PCB 157	204.000	816.000	223		223	223		0.0001	0.0	0.0		0.2%	0.2%	
PCB 105	0.859	3.436	406		406	406	406	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.5%
PCB 167	6.140	24.560	548.2		548.2	548.2	548.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	0.836	3.344	22.87		22.9	22.9	22.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.828	3.312	1450		1450	1450	1450	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 123	0.882	3.528	20.46		20.5	20.5	20.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	6.167	24.668	LT	EMPC, J	3.1			0.001	0.0			0.0%		
PCB 126	7.587	30.348	33.69	J	33.7	33.7	16.8	0.1	3.4	3.4	1.7	27.9%	30.4%	21.3%
PCB 77	5.853	23.412	33.05		33.1	33.1	33.1	0.05	1.7	1.7	1.7	13.7%	14.9%	20.9%
PCB 81	18.320	73.280	LT	J	9.2			0.1	0.9			7.6%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		6.0	5.9	4.4
All PCBs		6.1	5.2	3.5
All PCDDs/PCDFs/PCBs		12.1	11.1	7.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG29NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 29 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.204	4.816	2.75	B	2.8	2.8		0.001	0.0	0.0		0.0%	0.0%	
1234678-HpCDF	0.336	1.344	LT		0.2			0.01	0.0			0.0%		
1234789-HpCDF	0.506	2.025	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.258	1.032	0.862	B	0.9	0.9		0.05	0.0	0.0		0.6%	0.8%	
123478-HxCDF	0.424	1.696	LT		0.2			0.1	0.0			0.3%		
123678-HxCDD	0.238	0.951	2.24		2.2	2.2	2.2	0.01	0.0	0.0	0.0	0.3%	0.4%	0.5%
123678-HxCDF	0.439	1.756	LT		0.2			0.1	0.0			0.3%		
123789-HxCDD	0.476	1.904	LT		0.2			0.1	0.0			0.3%		
123789-HxCDF	0.926	3.704	LT		0.5			0.1	0.1			0.7%		
12378-PeCDD	0.253	1.013	2.06		2.1	2.1	2.1	1	2.1	2.1	2.1	29.6%	35.0%	43.8%
12378-PeCDF	0.397	1.588	LT		0.2			0.1	0.0			0.3%		
234678-HxCDF	0.570	2.280	LT		0.3			0.1	0.0			0.4%		
23478-PeCDF	0.401	1.604	LT		0.2			1	0.2			2.8%		
2378-TCDD	0.611	2.446	LT		0.3			1	0.3			4.2%		
2378-TCDF	0.399	1.596	LT	EMPC	0.2			1	0.2			2.8%		
OCDD	6.591	26.364	LT	EMPC	3.3			0	0			0%		
OCDF	1.025	4.100	LT		0.5			0.0001	0.0			0.0%		
PCB 189				NC, J				0.00001						
PCB 156	1.310	5.240	451		451	451	451	0.0001	0.0	0.0	0.0	0.6%	0.8%	0.9%
PCB 157	1.330	5.320	132.3		132.3	132.3	132.3	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 105	0.848	3.392	728.5		728.5	728.5	728.5	0.0001	0.1	0.1	0.1	1.0%	1.2%	1.5%
PCB 167	1.240	4.960	165		165	165	165	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.826	3.304	16.67		16.7	16.7	16.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.794	3.176	1310		1310	1310	1310	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 123	0.847	3.388	8.543		8.5	8.5	8.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	2.632	10.528	LT	EMPC, J	1.3			0.001	0.0			0.0%		
PCB 126	2.808	11.232	21.65	J	21.7	21.7	10.8	0.1	2.2	2.2	1.1	30.6%	36.2%	22.5%
PCB 77	3.205	12.820	30.27		30.3	30.3	30.3	0.05	1.5	1.5	1.5	21.3%	25.3%	31.6%
PCB 81	5.884	23.536	LT	J	2.9			0.1	0.3			4.1%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		3.0	2.2	2.1
All PCBs		4.1	3.8	2.7
All PCDDs/PCDFs/PCBs		7.1	6.0	4.8

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG06CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.349	1.396	2.7	B	2.7	2.7	1.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
1234678-HpCDF	0.276	1.104	LT		0.1			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	0.241	0.964	LT		0.1			0.01	0.0			0.0%	0.0%	
123478-HxCDD	0.154	0.615	0.884	B	0.9	0.9	0.4	0.05	0.0	0.0	0.0	0.4%	0.6%	1.3%
123478-HxCDF	0.426	1.704	LT	EMPC	0.2			0.1	0.0			0.2%		
123678-HxCDD	0.129	0.517	1.6		1.6	1.6	1.6	0.01	0.0	0.0	0.0	0.2%	0.2%	1.1%
123678-HxCDF	0.551	2.204	LT	EMPC	0.3			0.1	0.0			0.3%		
123789-HxCDD	0.237	0.948	LT	EMPC	0.1			0.1	0.0			0.1%		
123789-HxCDF	0.949	3.796	LT	EMPC	0.5			0.1	0.1			0.5%		
12378-PeCDD	1.374	5.496	LT	EMPC	0.7			1	0.7			6.6%		
12378-PeCDF	0.425	1.700	LT	EMPC	0.2			0.1	0.0			0.2%		
234678-HxCDF	0.752	3.008	LT	EMPC	0.4			0.1	0.0			0.4%		
23478-PeCDF	0.862	3.448	LT	EMPC	0.4			1	0.4			3.8%		
2378-TCDD	0.408	1.631	LT		0.2			1	0.2			1.9%		
2378-TCDF	0.151	0.602	0.723	U	0.7	0.7	0.4	1	0.7	0.7	0.4	6.6%	10.0%	26.7%
OCDD	0.535	2.139	14.9	B	14.9	14.9	7.5	0	0	0	0	0%	0%	0%
OCDF	0.526	2.105	0.862	B	0.9	0.9		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189				NC, J				0.00001						
PCB 156	2.250	9.000	335.8		335.8	335.8	335.8	0.0001	0.0	0.0	0.0	0.3%	0.5%	2.2%
PCB 157	2.280	9.120	129.4		129.4	129.4	129.4	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.9%
PCB 105	0.806	3.224	651.6		651.6	651.6	651.6	0.0001	0.1	0.1	0.1	0.6%	0.9%	4.3%
PCB 167	2.130	8.520	300.6		300.6	300.6	300.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.2%
PCB 114	0.784	3.136	36.34		36.3	36.3	36.3	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.2%
PCB 118	0.755	3.020	1700		1700	1700	1700	0.00001	0.0	0.0	0.0	0.2%	0.2%	1.1%
PCB 123	0.805	3.220	31.23		31.2	31.2	31.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	5.244	20.976	5.704	J	5.7	5.7		0.001	0.0	0.0		0.1%	0.1%	
PCB 126	28.700	114.800	42.03	J	42	42		0.1	4.2	4.2		39.6%	60.0%	
PCB 77	8.195	32.780	37.85	J	37.9	37.9	18.9	0.05	1.9	1.9	0.9	17.9%	27.1%	63.0%
PCB 81	42.470	169.880	LT	J	21.2			0.1	2.1			20.0%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.2	0.8	0.4
All PCBs		8.4	6.2	1.1
All PCDDs/PCDFs/PCBs		10.6	7.0	1.5

All concentrations and TEQs are expressed in parts per trillion (ppt)

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG6NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 6 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.016	0.063	7.2		7.2	7.2	7.2	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.319	1.278	1.36		1.4	1.4	1.4	0.01	0.0	0.0	0.0	0.2%	0.2%	0.3%
1234789-HpCDF	0.547	2.189	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.160	0.640	1.74	B	1.7	1.7	0.9	0.05	0.1	0.1	0.0	1.0%	1.3%	0.9%
123478-HxCDF	0.111	0.443	1.33		1.3	1.3	1.3	0.1	0.1	0.1	0.1	1.5%	2.0%	2.5%
123678-HxCDD	0.137	0.547	3.05		3.1	3.1	3.1	0.01	0.0	0.0	0.0	0.3%	0.5%	0.6%
123678-HxCDF	0.098	0.390	1.34	B	1.3	1.3	0.7	0.1	0.1	0.1	0.1	1.5%	2.0%	1.4%
123789-HxCDD	0.712	2.848	LT	EMPC	0.4			0.1	0.0			0.4%		
123789-HxCDF	0.168	0.673	0.844	B	0.8	0.8	0.4	0.1	0.1	0.1	0.0	0.9%	1.2%	0.8%
12378-PeCDD	3.003	12.012	LT	EMPC	1.5			1	1.5			16.9%		
12378-PeCDF	0.221	0.883	0.593		0.6	0.6		0.1	0.1	0.1		0.7%	0.9%	
234678-HxCDF	0.131	0.523	1.51	B	1.5	1.5	0.8	0.1	0.2	0.2	0.1	1.7%	2.3%	1.6%
23478-PeCDF	1.159	4.636	LT	EMPC	0.6			1	0.6			6.7%		
2378-TCDD	0.596	2.384	LT	EMPC	0.3			1	0.3			3.4%		
2378-TCDF	0.265	1.060	0.511	U	0.5	0.5		1	0.5	0.5		5.6%	7.7%	
OCDD	0.323	1.293	40.4		40.4	40.4	40.4	0	0	0	0	0%	0%	0%
OCDF	0.568	2.272	1.44	B	1.4	1.4		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189														
PCB 156	4.780	19.120	355.3	NC, J	355.3	355.3	355.3	0.00001	0.0	0.0	0.0	0.4%	0.5%	0.7%
PCB 157	103.000	412.000	LT	EMPC	51.5			0.0001	0.0			0.1%		
PCB 105	0.847	3.388	622.3		622.3	622.3	622.3	0.0001	0.1	0.1	0.1	0.7%	1.0%	1.2%
PCB 167	4.540	18.160	271.2		271.2	271.2	271.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	0.824	3.296	34.44		34.4	34.4	34.4	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 118	0.789	3.156	1620		1620	1620	1620	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 123	0.841	3.364	28.48		28.5	28.5	28.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.902	3.606	6.164	J	6.2	6.2	3.1	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	1.771	7.084	31.47		31.5	31.5	31.5	0.1	3.2	3.2	3.2	35.4%	48.5%	61.8%
PCB 77	1.618	6.472	28.06		28.1	28.1	28.1	0.05	1.4	1.4	1.4	15.8%	21.6%	27.5%
PCB 81	3.040	12.160	6.006		6	6		0.1	0.6	0.6		6.7%	9.2%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		3.6	1.2	0.4
All PCBs		5.3	5.3	4.7
All PCDDs/PCDFs/PCBs		8.9	6.5	5.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG006

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 0 pg/g PCB 126, trip blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.249	0.996	2.76	B	2.8	2.8	1.4	0.001	0.0	0.0	0.0	0.1%	0.4%	0.0%
1234678-HpCDF	0.126	0.504	0.364	B	0.4	0.4		0.01	0.0	0.0		0.2%	0.6%	
1234789-HpCDF	0.194	0.776	LT		0.1			0.01	0.0			0.0%		
123478-HxCDD	0.569	2.276	LT		0.3			0.05	0.0			0.6%		
123478-HxCDF	0.138	0.553	LT		0.1			0.1	0.0			0.4%		
123678-HxCDD	0.164	0.656	LT		0.1			0.01	0.0			0.0%		
123678-HxCDF	0.117	0.466	0.546	B	0.5	0.5	0.3	0.1	0.1	0.1	0.0	2.0%	7.1%	0.1%
123789-HxCDD	0.152	0.608	LT		0.1			0.1	0.0			0.4%		
123789-HxCDF	1.749	6.996	LT	EMPC	0.9			0.1	0.1			3.6%		
12378-PeCDD	0.790	3.160	LT	EMPC	0.4			1	0.4			16.0%		
12378-PeCDF	0.242	0.968	LT		0.1			0.1	0.0			0.4%		
234678-HxCDF	0.535	2.140	LT	EMPC	0.3			0.1	0.0			1.2%		
23478-PeCDF	0.054	0.216	LT		0			1	0.0			0.0%		
2378-TCDD	0.265	1.060	LT		0.1			1	0.1			4.0%		
2378-TCDF	0.267	1.068	LT		0.1			1	0.1			4.0%		
OCDD	0.233	0.933	25.7		25.7	25.7	25.7	0	0	0	0	0%	0%	0%
OCDF	0.360	1.439	1.69	B	1.7	1.7	0.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189			NC	NC, J				0.00001						
PCB 156		0.000	15.1		15.1	15.1	15.1	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.0%
PCB 157	2.140	8.560	LT		1.1			0.0001	0.0			0.0%		
PCB 105	1.690	6.760	76.61		76.6	76.6	76.6	0.0001	0.0	0.0	0.0	0.3%	1.1%	0.0%
PCB 167	0.000	7.88			7.9	7.9	7.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	5.190	20.760	5.7		5.7	5.7		0.0001	0.0	0.0		0.0%	0.1%	
PCB 118	1.620	6.480	224.4		224.4	224.4	224.4	0.00001	0.0	0.0	0.0	0.1%	0.3%	0.0%
PCB 123	1.730	6.920	LT		0.9			0.00001	0.0			0.0%		
PCB 169	4.740	18.960	LT	J	2.4			0.001	0.0			0.1%		
PCB 126	8.704	34.816	LT	J	4.4			0.1	0.4			17.6%		
PCB 77	3.605	14.420	12.25	B	12.3	12.3		0.05	0.6	0.6		24.6%	87.9%	
PCB 81	11.700	46.800	LT	EMPC, J	5.9			0.1	0.6			23.6%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		0.8	0.1	0.0
All PCBs		1.7	0.6	0.0
All PCDDs/PCDFs/PCBs		2.5	0.7	0.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG12NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 12 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.624	6.496	LT	EMPC	0.8			0.001	0.0			0.0%		
1234678-HpCDF	0.373	1.490	LT		0.2			0.01	0.0			0.0%		
1234789-HpCDF	0.591	2.363	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.611	2.444	LT	EMPC	0.3			0.05	0.0			0.2%		
123478-HxCDF	0.018	0.074	0.226	B	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.3%	0.5%	1.1%
123678-HxCDD	0.057	0.228	0.69	B	0.7	0.7	0.3	0.01	0.0	0.0	0.0	0.1%	0.2%	0.3%
123678-HxCDF	0.016	0.062	0.416	B	0.4	0.4	0.2	0.1	0.0	0.0	0.0	0.6%	0.9%	2.2%
123789-HxCDD	0.153	0.612	LT		0.1			0.1	0.0			0.1%		
123789-HxCDF	0.026	0.103	0.938	B	0.9	0.9	0.5	0.1	0.1	0.1	0.1	1.3%	2.0%	5.6%
12378-PeCDD	0.810	3.240	LT	EMPC	0.4			1	0.4			5.6%		
12378-PeCDF	0.239	0.956	LT	EMPC	0.1			0.1	0.0			0.1%		
234678-HxCDF	0.330	1.320	LT	EMPC	0.2			0.1	0.0			0.3%		
23478-PeCDF	0.292	1.168	LT	EMPC	0.1			1	0.1			1.4%		
2378-TCDD	0.372	1.488	LT		0.2			1	0.2			2.8%		
2378-TCDF	0.348	1.392	LT	EMPC	0.2			1	0.2			2.8%		
OCDD	0.445	1.780	11	B	11	11	5.5	0	0	0	0	0%	0%	0%
OCDF	1.079	4.316	LT	EMPC	0.5			0.0001	0.0			0.0%		
PCB 189				NC, J				0.00001						
PCB 156	0.812	3.248	274		274	274	274	0.0001	0.0	0.0	0.0	0.4%	0.6%	3.0%
PCB 157	0.823	3.292	64.53		64.5	64.5	64.5	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.7%
PCB 105	0.582	2.328	287.8		287.8	287.8	287.8	0.0001	0.0	0.0	0.0	0.4%	0.7%	3.2%
PCB 167	0.770	3.080	203.8		203.8	203.8	203.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.2%
PCB 114	0.566	2.264	12.91		12.9	12.9	12.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.576	2.304	870.4		870.4	870.4	870.4	0.00001	0.0	0.0	0.0	0.1%	0.2%	1.0%
PCB 123	0.614	2.456	11.4		11.4	11.4	11.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	7.632	30.528	LT	J	3.8			0.001	0.0			0.1%		
PCB 126	10.530	42.120	27.19	J	27.2	27.2		0.1	2.7	2.7		38.3%	61.8%	
PCB 77	4.079	16.316	29.11	J	29.1	29.1	14.6	0.05	1.5	1.5	0.7	20.5%	33.1%	81.1%
PCB 81	34.140	136.560	LT	J	17.1			0.1	1.7			24.1%		

Total					TEQs		
					Full	Partial	Quant
All PCDDs/PCDFs					1.1	0.2	0.1
All PCBs					6.0	4.2	0.8
All PCDDs/PCDFs/PCBs					7.1	4.4	0.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG3NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 3 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ			
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant	
1234678-HpCDD	0.856	3.424	22.8		22.8	22.8	22.8	0.001	0.0	0.0	0.0	0.2%	0.2%	0.2%	
1234678-HpCDF	0.374	1.495	3.69		3.7	3.7	3.7	0.01	0.0	0.0	0.0	0.3%	0.3%	0.4%	
1234789-HpCDF	0.764	3.055	LT		0.4			0.01	0.0			0.0%			
123478-HxCDD	0.152	0.608	4.09		4.1	4.1	4.1	0.05	0.2	0.2	0.2	1.5%	1.7%	2.2%	
123478-HxCDF	0.218	0.870	1.39		1.4	1.4	1.4	0.1	0.1	0.1	0.1	1.1%	1.1%	1.5%	
123678-HxCDD	0.136	0.544	6.64		6.6	6.6	6.6	0.01	0.1	0.1	0.1	0.5%	0.5%	0.7%	
123678-HxCDF	1.347	5.388	LT	EMPC	0.7			0.1	0.1			0.5%			
123789-HxCDD	0.132	0.527	1.66		1.7	1.7	1.7	0.1	0.2	0.2	0.2	1.3%	1.4%	1.8%	
123789-HxCDF	1.030	4.120	LT	EMPC	0.5			0.1	0.1			0.4%			
12378-PeCDD	0.069	0.276	4.5		4.5	4.5	4.5	1	4.5	4.5	4.5	33.8%	36.6%	47.9%	
12378-PeCDF	0.303	1.212	LT	EMPC	0.2			0.1	0.0			0.2%			
234678-HxCDF	2.305	9.220	LT		1.2			0.1	0.1			0.9%			
23478-PeCDF	0.810	3.240	LT	EMPC	0.4			1	0.4			3.0%			
2378-TCDD	0.469	1.875	0.789		0.8	0.8		1	0.8	0.8		6.0%	6.5%		
2378-TCDF	0.540	2.160	LT	EMPC	0.3			1	0.3			2.3%			
OCDD	0.904	3.614	54.4		54.4	54.4	54.4	0	0	0	0	0%	0%	0%	
OCDF	1.046	4.184	3.25	B	3.3	3.3		0.0001	0.0	0.0		0.0%	0.0%		
PCB 189			NC		NC, J			0.00001							
PCB 156	2.040	8.160	434.4	EMPC, J	434.4	434.4	434.4	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.5%	
PCB 157	2.070	8.280	150		150	150	150	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.2%	
PCB 105	1.650	6.600	982.3		982.3	982.3	982.3	0.0001	0.1	0.1	0.1	0.7%	0.8%	1.0%	
PCB 167	1.930	7.720	270.2		270.2	270.2	270.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%	
PCB 114	1.610	6.440	50.21		50.2	50.2	50.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%	
PCB 118	1.540	6.160	2010		2010	2010	2010	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%	
PCB 123	1.640	6.560	35.67		35.7	35.7	35.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%	
PCB 169	6.190	24.760	LT		3.1			0.001	0.0			0.0%			
PCB 126	6.661	26.644	31.14		31.1	31.1	31.1	0.1	3.1	3.1	3.1	23.4%	25.3%	33.1%	
PCB 77	1.487	5.948	41.51		J	41.5	41.5	20.8	0.05	2.1	2.1	1.0	15.6%	16.9%	11.1%
PCB 81	6.149	24.596	9.926		J	9.9	9.9		0.1	1.0	1.0		7.4%	8.0%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		6.9	5.9	5.1
All PCBs		6.4	6.4	4.3
All PCDDs/PCDFs/PCBs		13.3	12.3	9.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG009

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 0 pg/g PCB 126, trip blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.580	2.321	3.04	B	3	3	1.5	0.001	0.0	0.0	0.0	0.2%	0.3%	0.4%
1234678-HpCDF	0.401	1.604	LT		0.2			0.01	0.0			0.1%		
1234789-HpCDF	0.483	1.933	LT		0.2			0.01	0.0			0.1%		
123478-HxCDD	0.710	2.840	LT		0.4			0.05	0.0			1.0%		
123478-HxCDF	0.166	0.665	LT		0.1			0.1	0.0			0.5%		
123678-HxCDD	0.108	0.431	LT		0.1			0.01	0.0			0.1%		
123678-HxCDF	0.139	0.558	0.467	B	0.5	0.5		0.1	0.1	0.1		2.5%	5.6%	0.0%
123789-HxCDD	0.107	0.428	LT		0.1			0.1	0.0			0.5%		
123789-HxCDF	0.178	0.710	1.5	B	1.5	1.5	0.8	0.1	0.2	0.2	0.1	7.5%	16.7%	20.0%
12378-PeCDD	0.827	3.308	LT		0.4			1	0.4			20.0%		
12378-PeCDF	0.300	1.199	LT		0.1			0.1	0.0			0.5%		
234678-HxCDF	0.736	2.944	LT		0.4			0.1	0.0			2.0%		
23478-PeCDF	0.227	0.906	LT		0.1			1	0.1			5.0%		
2378-TCDD	0.351	1.404	LT		0.2			1	0.2			10.0%		
2378-TCDF	0.313	1.252	LT		0.2			1	0.2			10.0%		
OCDD	0.805	3.220	36.1		36.1	36.1		0	0	0	0	0%	0%	0%
OCDF	0.556	2.222	1.74	B	1.7	1.7		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189			NC	NC, J				0.00001						
PCB 156	2.770	11.080	13.09	B	13.1	13.1	6.5	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 157	2.810	11.240	LT		1.4			0.0001	0.0			0.0%		
PCB 105	1.290	5.160	36.95	B	37	37	18.5	0.0001	0.0	0.0	0.0	0.2%	0.4%	0.5%
PCB 167	6.190	24.760	LT		3.1			0.00001	0.0			0.0%		
PCB 114	3.120	12.480	LT		EMPC	1.6		0.0001	0.0			0.0%		
PCB 118	1.200	4.800	100.2	B	100.2	100.2	50.1	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	1.280	5.120	LT		0.6			0.00001	0.0			0.0%		
PCB 169	0.535	2.139	LT		0.3			0.001	0.0			0.0%		
PCB 126	0.606	2.424	LT		0.3			0.1	0.0			1.5%		
PCB 77	1.720	6.880	10.46	B	10.5	10.5	5.2	0.05	0.5	0.5	0.3	26.3%	58.3%	65.0%
PCB 81	1.651	6.604	2.117	B	2.1	2.1		0.1	0.2	0.2		10.5%	23.3%	

Total					TEQs		
					Full	Partial	Quant
All PCDDs/PCDFs					1.2	0.2	0.1
All PCBs					0.8	0.7	0.3
All PCDDs/PCDFs/PCBs					2.0	0.9	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG05CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.588	2.354	2.81	B	2.8	2.8	1.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.681	6.724	LT		0.8			0.01	0.0			0.1%		
1234789-HpCDF	2.800	11.200	LT		1.4			0.01	0.0			0.2%		
123478-HxCDD	0.942	3.768	LT	EMPC	0.5			0.05	0.0			0.4%		
123478-HxCDF	0.336	1.344	LT	EMPC	0.2			0.1	0.0			0.3%		
123678-HxCDD	0.976	3.904	LT	EMPC	0.5			0.01	0.0			0.1%		
123678-HxCDF	0.364	1.456	LT	EMPC	0.2			0.1	0.0			0.3%		
123789-HxCDD	0.405	1.620	LT	EMPC	0.2			0.1	0.0			0.3%		
123789-HxCDF	0.194	0.774	0.945	B	0.9	0.9	0.5	0.1	0.1	0.1	0.1	1.3%	1.4%	1.2%
12378-PeCDD	0.392	1.566	1.35		1.4	1.4		1	1.4	1.4		19.7%	22.2%	
12378-PeCDF	0.199	0.796	LT		0.1			0.1	0.0			0.1%		
234678-HxCDF	0.554	2.216	LT	EMPC	0.3			0.1	0.0			0.4%		
23478-PeCDF	0.506	2.024	LT	EMPC	0.3			1	0.3			4.2%		
2378-TCDD	0.438	1.753	LT		0.2			1	0.2			2.8%		
2378-TCDF	0.310	1.240	0.551	U	0.6	0.6		1	0.6	0.6		8.5%	9.5%	
OCDD	0.860	3.439	17.9	B	17.9	17.9	9	0	0	0	0	0%	0%	0%
OCDF	1.390	5.560	LT		0.7			0.0001	0.0			0.0%		
PCB 189				NC, J				0.00001						
PCB 156	3.070	12.280	326.3		326.3	326.3	326.3	0.0001	0.0	0.0	0.0	0.5%	0.5%	0.8%
PCB 157	3.110	12.440	93.66		93.7	93.7	93.7	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 105	0.216	0.864	285.9		285.9	285.9	285.9	0.0001	0.0	0.0	0.0	0.4%	0.5%	0.7%
PCB 167	2.910	11.640	307.5		307.5	307.5	307.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	0.210	0.840	21.4		21.4	21.4	21.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.201	0.804	1020		1020	1020	1020	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 123	0.214	0.856	23.96		24	24	24	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.012	4.048	9.304		9.3	9.3	9.3	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 126	0.908	3.633	25.04		25	25	25	0.1	2.5	2.5	2.5	35.2%	39.7%	58.1%
PCB 77	1.080	4.320	31.98		32	32	32	0.05	1.6	1.6	1.6	22.5%	25.4%	37.2%
PCB 81	4.562	18.248	LT	EMPC	2.3			0.1	0.2			3.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.7	2.1	0.1
All PCBs		4.4	4.2	4.2
All PCDDs/PCDFs/PCBs		7.1	6.3	4.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG31NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 31 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.180	0.719	7.79		7.8	7.8	7.8	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.188	0.751	1.41		1.4	1.4	1.4	0.01	0.0	0.0	0.0	0.2%	0.2%	0.2%
1234789-HpCDF	0.288	1.150	LT		0.1			0.01	0.0			0.0%		
123478-HxCDD	0.065	0.260	1.21	B	1.2	1.2	0.6	0.05	0.1	0.1	0.0	0.9%	0.9%	0.5%
123478-HxCDF	0.517	2.068	LT	EMPC	0.3			0.1	0.0			0.4%		
123678-HxCDD	1.728	6.912	LT	EMPC	0.9			0.01	0.0			0.1%		
123678-HxCDF	0.141	0.562	0.937	B	0.9	0.9	0.5	0.1	0.1	0.1	0.1	1.3%	1.4%	0.9%
123789-HxCDD	0.693	2.772	LT	EMPC	0.3			0.1	0.0			0.4%		
123789-HxCDF	0.203	0.813	0.764	B	0.8	0.8		0.1	0.1	0.1		1.2%	1.2%	
12378-PeCDD	0.039	0.156	1.36		1.4	1.4	1.4	1	1.4	1.4	1.4	20.6%	21.5%	24.1%
12378-PeCDF	0.104	0.416	0.218	B	0.2	0.2		0.1	0.0	0.0		0.3%	0.3%	
234678-HxCDF	0.191	0.765	4.16		4.2	4.2	4.2	0.1	0.4	0.4	0.4	6.2%	6.5%	7.2%
23478-PeCDF	0.078	0.312	0.34	B	0.3	0.3	0.2	1	0.3	0.3	0.2	4.4%	4.6%	3.4%
2378-TCDD	0.405	1.620	LT	EMPC	0.2			1	0.2			2.9%		
2378-TCDF	0.139	0.556	0.247	U, B	0.2	0.2		1	0.2	0.2		2.9%	3.1%	
OCDD	0.179	0.717	32.9		32.9	32.9	32.9	0	0	0	0	0%	0%	0%
OCDF	0.370	1.478	2.21	B	2.2	2.2	1.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	1.540	6.160	1080		1080	1080	1080	0.0001	0.1	0.1	0.1	1.6%	1.7%	1.9%
PCB 157	1.560	6.240	356.4		356.4	356.4	356.4	0.0001	0.0	0.0	0.0	0.5%	0.5%	0.6%
PCB 105	0.423	1.692	993.8		993.8	993.8	993.8	0.0001	0.1	0.1	0.1	1.5%	1.5%	1.7%
PCB 167	1.460	5.840	227.4		227.4	227.4	227.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.412	1.648	36.67		36.7	36.7	36.7	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	0.389	1.556	2130		2130	2130	2130	0.00001	0.0	0.0	0.0	0.3%	0.3%	0.4%
PCB 123	0.415	1.660	19.26		19.3	19.3	19.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.212	0.846	5.175		5.2	5.2	5.2	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.389	1.558	23.61		23.6	23.6	23.6	0.1	2.4	2.4	2.4	34.7%	36.3%	40.7%
PCB 77	0.838	3.350	20.97		21	21	21	0.05	1.1	1.1	1.1	15.4%	16.2%	18.1%
PCB 81	0.813	3.250	2.511	B	2.5	2.5		0.1	0.3	0.3		3.7%	3.8%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.9	2.6	2.1
All PCBs		3.9	3.9	3.7
All PCDDs/PCDFs/PCBs		6.8	6.5	5.8

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG02AR

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Aurora Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.283	1.130	3.74	B	3.7	3.7	1.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.341	1.364	1.71		1.7	1.7	1.7	0.01	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234789-HpCDF	0.675	2.700	LT	EMPC	0.3			0.01	0.0			0.0%		
123478-HxCDD	0.189	0.758	9.98		10	10	10	0.05	0.5	0.5	0.5	0.2%	0.2%	0.2%
123478-HxCDF	0.182	0.727	90		90	90	90	0.1	9.0	9.0	9.0	3.9%	3.9%	4.3%
123678-HxCDD	0.166	0.662	12.3	EMPC	12.3	12.3	12.3	0.01	0.1	0.1	0.1	0.1%	0.1%	0.1%
123678-HxCDF	0.155	0.618	37.2		37.2	37.2	37.2	0.1	3.7	3.7	3.7	1.6%	1.6%	1.8%
123789-HxCDD	0.162	0.647	2.78		2.8	2.8	2.8	0.1	0.3	0.3	0.3	0.1%	0.1%	0.1%
123789-HxCDF	0.205	0.820	4.12		4.1	4.1	4.1	0.1	0.4	0.4	0.4	0.2%	0.2%	0.2%
12378-PeCDD	0.072	0.288	32.4	U	32.4	32.4	32.4	1	32.4	32.4	32.4	14.0%	14.0%	15.6%
12378-PeCDF	0.097	0.387	126		126	126	126	0.1	12.6	12.6	12.6	5.4%	5.4%	6.1%
234678-HxCDF	0.189	0.756	10.6	U	10.6	10.6	10.6	0.1	1.1	1.1	1.1	0.5%	0.5%	0.5%
23478-PeCDF	0.079	0.315	88.8		88.8	88.8	88.8	1	88.8	88.8	88.8	38.3%	38.3%	42.7%
2378-TCDD	0.191	0.763	5.02	U	5	5	5	1	5.0	5.0	5.0	2.2%	2.2%	2.4%
2378-TCDF	0.123	0.492	47.2		47.2	47.2	23.6	1	47.2	47.2	23.6	20.4%	20.4%	11.3%
OCDD	0.196	0.785	13	B	13	13	6.5	0	0	0	0	0%	0%	0%
OCDF	0.468	1.871	0.722	B	0.7	0.7		0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	0.388	1.552	816.4		816.4	816.4	816.4	0.0001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 157	0.393	1.572	261.4		261.4	261.4	261.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	0.706	2.824	428.3		428.3	428.3	428.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	0.368	1.472	797.3		797.3	797.3	797.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.687	2.748	60.7		60.7	60.7	60.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.666	2.664	1420		1420	1420	1420	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	0.710	2.840	69.26		69.3	69.3	69.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.350	1.400	55.47		55.5	55.5	55.5	0.001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 126	0.585	2.339	200.5		200.5	200.5	200.5	0.1	20.1	20.1	20.1	8.7%	8.7%	9.6%
PCB 77	0.691	2.763	117.1		117.1	117.1	117.1	0.05	5.9	5.9	5.9	2.5%	2.5%	2.8%
PCB 81	0.680	2.720	44.78		44.8	44.8	44.8	0.1	4.5	4.5	4.5	1.9%	1.9%	2.2%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		201.1	201.1	177.5
All PCBs		30.6	30.6	30.6
All PCDDs/PCDFs/PCBs		231.7	231.7	208.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG013

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 0 pg/g PCB 126, vehicle blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.118	0.473	2.31	B	2.3	2.3	1.2	0.001	0.0	0.0	0.0	0.1%	0.3%	0.0%
1234678-HpCDF	0.532	2.128	LT		0.3			0.01	0.0			0.2%		
1234789-HpCDF	0.995	3.979	LT		0.5			0.01	0.0			0.3%		
123478-HxCDD	0.250	1.000	LT		0.1			0.05	0.0			0.3%		
123478-HxCDF	0.233	0.932	LT		0.1			0.1	0.0			0.5%		
123678-HxCDD	0.156	0.623	LT	J	0.1			0.01	0.0			0.1%		
123678-HxCDF	0.423	1.692	LT	J	0.2			0.1	0.0			1.0%		
123789-HxCDD	0.149	0.594	LT		0.1			0.1	0.0			0.5%		
123789-HxCDF	1.314	5.256	LT		0.7			0.1	0.1			3.5%		
12378-PeCDD	0.562	2.248	LT		0.3			1	0.3			15.0%		
12378-PeCDF	0.059	0.236	LT		0			0.1	0.0			0.0%		
234678-HxCDF	0.723	2.892	LT		0.4			0.1	0.0			2.0%		
23478-PeCDF	0.045	0.179	LT		0			1	0.0			0.0%		
2378-TCDD	0.689	2.756	LT		0.3			1	0.3			15.0%		
2378-TCDF	0.340	1.361	LT		0.2			1	0.2			10.0%		
OCDD	1.488	5.952	27.5		27.5	27.5		0	0	0	0	0%	0%	0%
OCDF	3.876	15.504	LT		1.9			0.0001	0.0			0.0%		
PCB 189			NC	NC, J				0.00001						
PCB 156	1.460	5.840	16.97		17	17	17	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.0%
PCB 157	1.480	5.920	4.048		4	4		0.0001	0.0	0.0		0.0%	0.1%	
PCB 105	0.685	2.740	62.18		62.2	62.2	62.2	0.0001	0.0	0.0	0.0	0.3%	0.8%	0.0%
PCB 167	1.390	5.560	6.847		6.8	6.8	6.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.666	2.664	4.779		4.8	4.8	4.8	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.0%
PCB 118	0.657	2.628	172		172	172	172	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.0%
PCB 123	0.700	2.800	LT		0.4			0.00001	0.0			0.0%		
PCB 169	0.748	2.990	LT		0.4			0.001	0.0			0.0%		
PCB 126	2.459	9.836	4.189		4.2	4.2		0.1	0.4	0.4	0.4	21.0%	52.5%	
PCB 77	3.067	12.268	7.569	B	7.6	7.6		0.05	0.4	0.4	0.4	19.0%	47.5%	
PCB 81	2.828	11.312	LT		1.4			0.1	0.1			7.0%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.0	0.0	0.0
All PCBs		1.0	0.8	0.0
All PCDDs/PCDFs/PCBs		2.0	0.8	0.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG20NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 20 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.020	0.079	11.3		11.3	11.3	11.3	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.598	2.392	2.84		2.8	2.8	2.8	0.01	0.0	0.0	0.0	0.2%	0.2%	0.2%
1234789-HpCDF	0.868	3.472	LT		0.4			0.01	0.0			0.0%		
123478-HxCDD	0.036	0.145	2.63		2.6	2.6	2.6	0.05	0.1	0.1	0.1	1.0%	1.1%	1.2%
123478-HxCDF	0.038	0.153	1.51		1.5	1.5	1.5	0.1	0.2	0.2	0.2	1.2%	1.3%	1.3%
123678-HxCDD	0.029	0.117	5.08		5.1	5.1	5.1	0.01	0.1	0.1	0.1	0.4%	0.4%	0.5%
123678-HxCDF	0.032	0.129	1.49	B	1.5	1.5	0.7	0.1	0.2	0.2	0.1	1.2%	1.3%	0.6%
123789-HxCDD	0.030	0.119	2.01		2	2	2	0.1	0.2	0.2	0.2	1.6%	1.7%	1.8%
123789-HxCDF	0.041	0.162	0.654	B	0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.6%	0.6%	0.3%
12378-PeCDD	0.088	0.353	2.74		2.7	2.7	2.7	1	2.7	2.7	2.7	21.6%	22.9%	23.9%
12378-PeCDF	0.416	1.664	LT	EMPC	0.2			0.1	0.0			0.2%		
234678-HxCDF	0.042	0.170	1.89	B	1.9	1.9	0.9	0.1	0.2	0.2	0.1	1.5%	1.6%	0.8%
23478-PeCDF	1.004	4.016	LT	EMPC	0.5			1	0.5			4.0%		
2378-TCDD	0.436	1.744	LT	EMPC	0.2			1	0.2			1.6%		
2378-TCDF	0.073	0.292	0.564	U	0.6	0.6	0.3	1	0.6	0.6	0.3	4.8%	5.1%	2.7%
OCDD	0.124	0.495	20	B	20	20	10	0	0	0	0	0%	0%	0%
OCDF	0.150	0.601	1.18	B	1.2	1.2	0.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189			NC	NC, J				0.00001						
PCB 156	1.710	6.840	632.5		632.5	632.5	632.5	0.0001	0.1	0.1	0.1	0.5%	0.5%	0.6%
PCB 157	1.730	6.920	163.7		163.7	163.7	163.7	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.308	1.232	477.3		477.3	477.3	477.3	0.0001	0.0	0.0	0.0	0.4%	0.4%	0.4%
PCB 167	1.620	6.480	423.9		423.9	423.9	423.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.300	1.200	35.27		35.3	35.3	35.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.285	1.140	1470		1470	1470	1470	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.304	1.216	33.41		33.4	33.4	33.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.206	0.825	7.623		7.6	7.6	7.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.822	3.288	41.24		41.2	41.2	41.2	0.1	4.1	4.1	4.1	33.0%	34.9%	36.5%
PCB 77	0.756	3.024	54.26		54.3	54.3	54.3	0.05	2.7	2.7	2.7	21.7%	23.0%	24.0%
PCB 81	0.781	3.123	4.557		4.6	4.6	4.6	0.1	0.5	0.5	0.5	3.7%	3.9%	4.1%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		5.0	4.3	3.8
All PCBs		7.5	7.5	7.5
All PCDDs/PCDFs/PCBs		12.5	11.8	11.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG04NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 4 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.295	1.180	12.2		12.2	12.2	12.2	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.045	4.180	3.46		3.5	3.5		0.01	0.0	0.0	0.0	0.1%	0.1%	
1234789-HpCDF	1.925	7.700	LT		1			0.01	0.0	0.0	0.0	0.0%		
123478-HxCDD	2.047	8.188	LT	EMPC	1			0.05	0.1			0.1%		
123478-HxCDF	0.195	0.781	1.06		1.1	1.1	1.1	0.1	0.1	0.1	0.1	0.3%	0.3%	0.3%
123678-HxCDD	0.266	1.063	3.62		3.6	3.6	3.6	0.01	0.0	0.0	0.0	0.1%	0.1%	0.1%
123678-HxCDF	0.182	0.727	1.34	B	1.3	1.3	0.7	0.1	0.1	0.1	0.1	0.3%	0.3%	0.2%
123789-HxCDD	0.262	1.049	0.866	B	0.9	0.9		0.1	0.1	0.1	0.1	0.2%	0.2%	
123789-HxCDF	0.432	1.728	0.732	B	0.7	0.7		0.1	0.1	0.1	0.1	0.2%	0.2%	
12378-PeCDD	2.991	11.964	LT	EMPC	1.5			1	1.5			3.6%		
12378-PeCDF	0.137	0.547	0.61		0.6	0.6	0.6	0.1	0.1	0.1	0.1	0.1%	0.2%	0.2%
234678-HxCDF	0.325	1.299	2.85		2.9	2.9	2.9	0.1	0.3	0.3	0.3	0.7%	0.7%	0.8%
23478-PeCDF	0.102	0.406	1.25		1.3	1.3	1.3	1	1.3	1.3	1.3	3.2%	3.3%	3.4%
2378-TCDD	0.361	1.442	0.478	B	0.5	0.5		1	0.5	0.5	0.5	1.2%	1.3%	
2378-TCDF	1.140	4.560	LT		0.6			1	0.6			1.5%		
OCDD	0.582	2.328	48.3		48.3	48.3	48.3	0	0	0	0	0%	0%	0%
OCDF	0.763	3.050	2.92	B	2.9	2.9		0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 189			NC	NC, J				0.00001						
PCB 156	4.230	16.920	1540		1540	1540	1540	0.0001	0.2	0.2	0.2	0.4%	0.4%	0.4%
PCB 157	4.290	17.160	478.2		478.2	478.2	478.2	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.177	0.708	1900		1900	1900	1900	0.0001	0.2	0.2	0.2	0.5%	0.5%	0.5%
PCB 167	4.010	16.040	1170		1170	1170	1170	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.172	0.688	145.6		145.6	145.6	145.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.165	0.660	5160		5160	5160	5160	0.00001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 123	0.175	0.700	133.9		133.9	133.9	133.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.373	1.491	11.95		12	12	12	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.823	3.293	83.87		83.9	83.9	83.9	0.1	8.4	8.4	8.4	20.4%	21.5%	21.9%
PCB 77	1.417	5.668	493.4		493.4	493.4	493.4	0.05	24.7	24.7	24.7	59.9%	63.3%	64.4%
PCB 81	1.341	5.364	28.32		28.3	28.3	28.3	0.1	2.8	2.8	2.8	6.9%	7.3%	7.4%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		4.8	2.6	1.9
All PCBs		36.4	36.4	36.4
All PCDDs/PCDFs/PCBs		41.2	39.0	38.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG10CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.304	1.216	3.12	B	3.1	3.1	1.6	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	2.203	8.812	LT		1.1			0.01	0.0			0.1%		
1234789-HpCDF	3.174	12.696	LT		1.6			0.01	0.0			0.1%		
123478-HxCDD	0.120	0.481	1.34	B	1.3	1.3	0.7	0.05	0.1	0.1	0.0	0.3%	0.3%	0.2%
123478-HxCDF	0.284	1.136	LT	EMPC	0.1			0.1	0.0			0.0%		
123678-HxCDD	0.102	0.408	2.72		2.7	2.7	2.7	0.01	0.0	0.0	0.0	0.1%	0.1%	0.1%
123678-HxCDF	0.074	0.298	0.563	B	0.6	0.6	0.3	0.1	0.1	0.1	0.0	0.3%	0.3%	0.2%
123789-HxCDD	0.101	0.404	0.203	B	0.2	0.2		0.1	0.0	0.0		0.1%	0.1%	
123789-HxCDF	0.094	0.375	0.893	B	0.9	0.9	0.4	0.1	0.1	0.1	0.0	0.4%	0.5%	0.2%
12378-PeCDD	0.212	0.848	2.24		2.2	2.2	2.2	1	2.2	2.2	2.2	10.5%	11.3%	11.4%
12378-PeCDF	0.144	0.576	0.355		0.4	0.4		0.1	0.0	0.0		0.2%	0.2%	
234678-HxCDF	0.546	2.184	LT	EMPC	0.3			0.1	0.0			0.1%		
23478-PeCDF	1.172	4.688	LT	EMPC	0.6			1	0.6			2.9%		
2378-TCDD	0.508	2.032	LT	EMPC	0.3			1	0.3			1.4%		
2378-TCDF	0.918	3.672	LT	EMPC	0.5			1	0.5			2.4%		
OCDD	0.253	1.014	20.3	B	20.3	20.3	10.2	0	0	0	0	0%	0%	0%
OCDF	0.518	2.072	1.03	B	1	1		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189				NC, J				0.00001						
PCB 156	1.780	7.120	1320		1320	1320	1320	0.0001	0.1	0.1	0.1	0.6%	0.7%	0.7%
PCB 157	1.800	7.200	348.1		348.1	348.1	348.1	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 105	0.194	0.776	1150		1150	1150	1150	0.0001	0.1	0.1	0.1	0.5%	0.6%	0.6%
PCB 167	1.690	6.760	829.7		829.7	829.7	829.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.189	0.756	86.06		86.1	86.1	86.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.192	0.768	4330		4330	4330	4330	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 123	0.205	0.820	73.47		73.5	73.5	73.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.778	3.113	16.22		16.2	16.2	16.2	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.841	3.362	95.29		95.3	95.3	95.3	0.1	9.5	9.5	9.5	45.4%	48.9%	49.4%
PCB 77	1.444	5.776	121.2		121.2	121.2	121.2	0.05	6.1	6.1	6.1	28.9%	31.1%	31.4%
PCB 81	1.399	5.596	10.89		10.9	10.9	10.9	0.1	1.1	1.1	1.1	5.2%	5.6%	5.6%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		4.0	2.5	2.3
All PCBs		17.0	17.0	17.0
All PCDDs/PCDFs/PCBs		21.0	19.5	19.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG35NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 35 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.281	1.125	7.59	B	7.6	7.6	7.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.347	1.387	2.05		2.1	2.1	2.1	0.01	0.0	0.0	0.0	0.1%	0.2%	0.2%
1234789-HpCDF	0.487	1.948	LT		0.2			0.01	0.0			0.0%		
123478-HxCDD	0.070	0.278	3.24		3.2	3.2	3.2	0.05	0.2	0.2	0.2	1.1%	1.2%	1.2%
123478-HxCDF	0.119	0.475	1.03		1	1	0.5	0.1	0.1	0.1	0.1	0.7%	0.7%	0.4%
123678-HxCDD	0.062	0.248	3.95		4	4	4	0.01	0.0	0.0	0.0	0.3%	0.3%	0.3%
123678-HxCDF	0.103	0.412	1.71		1.7	1.7	1.7	0.1	0.2	0.2	0.2	1.2%	1.2%	1.3%
123789-HxCDD	0.060	0.240	1.76		1.8	1.8	1.8	0.1	0.2	0.2	0.2	1.2%	1.3%	1.3%
123789-HxCDF	0.121	0.483	0.679		0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.5%	0.5%	0.2%
12378-PeCDD	0.025	0.101	4.81		4.8	4.8	4.8	1	4.8	4.8	4.8	32.9%	35.0%	35.3%
12378-PeCDF	0.047	0.189	0.505	EMPC	0.5	0.5	0.5	0.1	0.1	0.1	0.1	0.3%	0.4%	0.4%
234678-HxCDF	0.119	0.478	2.81		2.8	2.8	2.8	0.1	0.3	0.3	0.3	1.9%	2.0%	2.1%
23478-PeCDF	0.037	0.149	1.38		1.4	1.4	1.4	1	1.4	1.4	1.4	9.6%	10.2%	10.3%
2378-TCDD	1.053	4.212	LT		0.5			1	0.5			3.4%		
2378-TCDF	0.708	2.832	LT		0.4			1	0.4			2.7%		
OCDD	0.225	0.902	28.3	B	28.3	28.3	28.3	0	0	0	0	0%	0%	0%
OCDF	0.250	1.000	1.51		1.5	1.5	0.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	2.110	8.440	557.5		557.5	557.5	557.5	0.0001	0.1	0.1	0.1	0.4%	0.4%	0.4%
PCB 157	2.140	8.560	216.2		216.2	216.2	216.2	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 105	0.163	0.652	497.3		497.3	497.3	497.3	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.4%
PCB 167	2.000	8.000	388.5		388.5	388.5	388.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.159	0.636	34.28		34.3	34.3	34.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.152	0.608	1420		1420	1420	1420	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.162	0.648	31.47		31.5	31.5	31.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.352	1.408	7.066		7.1	7.1	7.1	0.001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 126	0.588	2.351	38.97		39	39	39	0.1	3.9	3.9	3.9	26.7%	28.5%	28.7%
PCB 77	0.994	3.976	39.6		39.6	39.6	39.6	0.05	2.0	2.0	2.0	13.6%	14.5%	14.6%
PCB 81	1.008	4.032	4.143		4.1	4.1	4.1	0.1	0.4	0.4	0.4	2.8%	3.0%	3.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		8.2	7.3	7.2
All PCBs		6.4	6.4	6.4
All PCDDs/PCDFs/PCBs		14.6	13.7	13.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG32SW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 32 SW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.125	0.501	2.67	B	2.7	2.7	1.3	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.952	3.808	LT	EMPC	0.5			0.01	0.0			0.1%		
1234789-HpCDF	0.693	2.774	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.094	0.376	0.768	B	0.8	0.8	0.4	0.05	0.0	0.0	0.0	0.4%	0.4%	0.2%
123478-HxCDF	0.089	0.355	3.78		3.8	3.8	3.8	0.1	0.4	0.4	0.4	4.0%	4.2%	4.4%
123678-HxCDD	1.274	5.096	LT	EMPC	0.6			0.01	0.0	0.0	0.0	0.1%		
123678-HxCDF	0.076	0.304	1.92		1.9	1.9	1.9	0.1	0.2	0.2	0.2	2.0%	2.1%	2.2%
123789-HxCDD	0.328	1.312	LT	EMPC	0.2			0.1	0.0	0.0	0.0	0.2%		
123789-HxCDF	0.090	0.361	0.836	B	0.8	0.8	0.4	0.1	0.1	0.1	0.0	0.8%	0.9%	0.5%
12378-PeCDD	0.101	0.404	1.29		1.3	1.3	1.3	1	1.3	1.3	1.3	13.7%	14.3%	15.1%
12378-PeCDF	0.122	0.486	1.39		1.4	1.4	1.4	0.1	0.1	0.1	0.1	1.5%	1.5%	1.6%
234678-HxCDF	0.104	0.417	0.671	B	0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.7%	0.8%	0.3%
23478-PeCDF	0.099	0.398	1.11		1.1	1.1	1.1	1	1.1	1.1	1.1	11.6%	12.1%	12.8%
2378-TCDD	0.252	1.007	0.37	B	0.4	0.4		1	0.4	0.4		4.2%	4.4%	
2378-TCDF	0.784	3.136	LT	EMPC	0.4			1	0.4			4.2%		
OCDD	0.205	0.822	18.6	B	18.6	18.6	9.3	0	0	0	0	0%	0%	0%
OCDF	0.119	0.477	1.1	B	1.1	1.1	0.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	2.360	9.440	289.2		289.2	289.2	289.2	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.3%
PCB 157	2.400	9.600	128.7		128.7	128.7	128.7	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.577	2.308	270.9		270.9	270.9	270.9	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.3%
PCB 167	2.240	8.960	275.3		275.3	275.3	275.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.561	2.244	18.48		18.5	18.5	18.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.545	2.180	833		833	833	833	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.581	2.324	19.66		19.7	19.7	19.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.341	1.364	7.74		7.7	7.7	7.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.726	2.902	29.34		29.3	29.3	29.3	0.1	2.9	2.9	2.9	30.8%	32.2%	34.1%
PCB 77	0.765	3.061	40.63		40.6	40.6	40.6	0.05	2.0	2.0	2.0	21.4%	22.3%	23.6%
PCB 81	0.776	3.105	3.85		3.9	3.9	3.9	0.1	0.4	0.4	0.4	4.1%	4.3%	4.5%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		4.1	3.7	3.2
All PCBs		5.4	5.4	5.4
All PCDDs/PCDFs/PCBs		9.5	9.1	8.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG019

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 0 pg/g PCB 126, vehicle blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.311	1.245	2.16	B	2.2	2.2	1.1	0.001	0.0	0.0	0.0	0.1%	0.1%	0.3%
1234678-HpCDF	0.168	0.672	0.326	B	0.3	0.3		0.01	0.0	0.0	0.0	0.1%	0.1%	
1234789-HpCDF	0.234	0.936	LT		0.1			0.01	0.0	0.0		0.0%		
123478-HxCDD	0.239	0.954	0.677	B	0.7	0.7		0.05	0.0	0.0		1.4%	1.7%	
123478-HxCDF	0.141	0.564	LT		0.1			0.1	0.0	0.0		0.4%		
123678-HxCDD	0.209	0.837	LT		0.1			0.01	0.0	0.0		0.0%		
123678-HxCDF	0.063	0.250	0.401	B	0.4	0.4	0.2	0.1	0.0	0.0	0.0	1.6%	1.9%	5.0%
123789-HxCDD	0.204	0.816	LT		0.1			0.1	0.0	0.0		0.4%		
123789-HxCDF	1.472	5.888	LT	EMPC	0.7			0.1	0.1	0.1		2.8%		
12378-PeCDD	0.314	1.257	0.993		1	1		1	1.0	1.0	1.0	40.0%	47.6%	
12378-PeCDF	0.211	0.844	LT	EMPC	0.1			0.1	0.0	0.0		0.4%		
234678-HxCDF	0.539	2.156	LT		0.3			0.1	0.0	0.0		1.2%		
23478-PeCDF	0.154	0.614	LT		0.1			1	0.1	0.1		4.0%		
2378-TCDD	0.284	1.136	LT		0.1			1	0.1	0.1		4.0%		
2378-TCDF	0.250	1.000	LT		0.1			1	0.1	0.1		4.0%		
OCDD	0.392	1.569	32.4		32.4	32.4	32.4	0	0	0	0	0%	0%	0%
OCDF	0.303	1.211	1.8	B	1.8	1.8	0.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	1.370	5.480	12.59	B	12.6	12.6	6.3	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 157	3.270	13.080	LT	EMPC	1.6			0.0001	0.0	0.0	0.0	0.0%		
PCB 105	0.675	2.700	35.9	B	35.9	35.9	18	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.5%
PCB 167	5.530	22.120	LT	EMPC	2.8			0.00001	0.0	0.0	0.0	0.0%		
PCB 114	3.040	12.160	LT	EMPC	1.5			0.0001	0.0	0.0	0.0	0.0%		
PCB 118	0.668	2.672	97.3	B	97.3	97.3	48.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 123	0.713	2.852	LT		0.4			0.00001	0.0	0.0	0.0	0.0%		
PCB 169	0.578	2.313	LT		0.3			0.001	0.0	0.0	0.0	0.0%		
PCB 126	0.443	1.773	2.089	B	2.1	2.1	1	0.1	0.2	0.2	0.1	8.4%	10.0%	25.0%
PCB 77	1.509	6.036	10.78	B	10.8	10.8	5.4	0.05	0.5	0.5	0.3	21.6%	25.7%	67.5%
PCB 81	1.500	6.000	2.218	B	2.2	2.2		0.1	0.2	0.2	0.2	8.8%	10.5%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.5	1.1	0.0
All PCBs		1.0	1.0	0.4
All PCDDs/PCDFs/PCBs		2.5	2.1	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG12SW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 12 SW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.209	0.834	7.91		7.9	7.9	7.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.857	3.428	LT	EMPC	0.4			0.01	0.0			0.0%		
1234789-HpCDF	0.553	2.213	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.235	0.939	2.94		2.9	2.9	2.9	0.05	0.1	0.1	0.1	1.0%	1.0%	1.2%
123478-HxCDF	0.189	0.758	1.18		1.2	1.2	1.2	0.1	0.1	0.1	0.1	0.8%	0.8%	1.0%
123678-HxCDD	0.199	0.795	6.58		6.6	6.6	6.6	0.01	0.1	0.1	0.1	0.5%	0.5%	0.6%
123678-HxCDF	1.348	5.392	LT	EMPC	0.7			0.1	0.1			0.5%		
123789-HxCDD	1.369	5.476	LT	EMPC	0.7			0.1	0.1			0.5%		
123789-HxCDF	0.184	0.736	0.808	B	0.8	0.8	0.4	0.1	0.1	0.1	0.0	0.5%	0.6%	0.3%
12378-PeCDD	0.246	0.986	4.25		4.3	4.3	4.3	1	4.3	4.3	4.3	29.5%	29.9%	35.8%
12378-PeCDF	0.159	0.634	0.497		0.5	0.5		0.1	0.1	0.1	0.1	0.3%	0.3%	
234678-HxCDF	0.194	0.774	1.46	B	1.5	1.5	0.7	0.1	0.2	0.2	0.1	1.0%	1.0%	0.6%
23478-PeCDF	0.121	0.484	1.18		1.2	1.2	1.2	1	1.2	1.2	1.2	8.2%	8.3%	10.0%
2378-TCDD	0.348	1.393	0.719		0.7	0.7		1	0.7	0.7	0.7	4.8%	4.9%	
2378-TCDF	0.224	0.895	0.779	U	0.8	0.8		1	0.8	0.8	0.8	5.5%	5.6%	
OCDD	0.411	1.643	32.7		32.7	32.7	32.7	0	0	0	0	0%	0%	0%
OCDF	0.391	1.563	0.988	B	1	1		0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 189				NC, J				0.00001						
PCB 156	2.070	8.280	520.3		520.3	520.3	520.3	0.0001	0.1	0.1	0.1	0.4%	0.4%	0.4%
PCB 157	2.100	8.400	148.6		148.6	148.6	148.6	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.398	1.592	649.8		649.8	649.8	649.8	0.0001	0.1	0.1	0.1	0.4%	0.5%	0.5%
PCB 167	1.960	7.840	332.3		332.3	332.3	332.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.387	1.548	48.59		48.6	48.6	48.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.361	1.444	1820		1820	1820	1820	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 123	0.385	1.540	52.11		52.1	52.1	52.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.523	2.090	7.36		7.4	7.4	7.4	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.580	2.322	37.91		37.9	37.9	37.9	0.1	3.8	3.8	3.8	26.0%	26.3%	31.6%
PCB 77	1.905	7.620	42.73		42.7	42.7	42.7	0.05	2.1	2.1	2.1	14.6%	14.8%	17.8%
PCB 81	1.847	7.388	6.911		6.9	6.9		0.1	0.7	0.7	0.7	4.7%	4.8%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		7.8	7.6	5.9
All PCBs		6.8	6.8	6.1
All PCDDs/PCDFs/PCBs		14.6	14.4	12.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG04CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.572	2.288	1.86		1.9	1.9		0.001	0.0	0.0		0.0%	0.0%	
1234678-HpCDF	0.782	3.128	10.6		10.6	10.6	10.6	0.01	0.1	0.1	0.1	0.6%	0.6%	0.9%
1234789-HpCDF	1.470	5.880	6.92		6.9	6.9	6.9	0.01	0.1	0.1	0.1	0.4%	0.4%	0.6%
123478-HxCDD	0.636	2.544	0.902		0.9	0.9		0.05	0.0	0.0		0.2%	0.3%	
123478-HxCDF	1.310	5.240	4.1		4.1	4.1		0.1	0.4	0.4		2.2%	2.4%	
123678-HxCDD	0.554	2.216	0.751		0.8	0.8		0.01	0.0	0.0		0.0%	0.0%	
123678-HxCDF	1.460	5.840	4.57		4.6	4.6		0.1	0.5	0.5		2.5%	2.7%	
123789-HxCDD	0.547	2.188	LT		0.3			0.1	0.0			0.2%		
123789-HxCDF	1.840	7.360	3.76		3.8	3.8		0.1	0.4	0.4		2.0%	2.3%	
12378-PeCDD	1.490	5.960	LT	EMPC	0.7			1	0.7			3.8%		
12378-PeCDF	2.230	8.920	LT	EMPC	1.1			0.1	0.1			0.6%		
234678-HxCDF	5.480	21.920	LT	EMPC	2.7			0.1	0.3			1.5%		
23478-PeCDF	1.390	5.560	2.71		2.7	2.7		1	2.7	2.7		14.5%	16.1%	
2378-TCDD	0.302	1.208	0.742		0.7	0.7		1	0.7	0.7		3.8%	4.2%	
2378-TCDF	1.320	5.280	LT	EMPC	0.7			1	0.7			3.8%		
OCDD	0.580	2.320	7.02	B	7	7	3.5	0	0	0	0	0%	0%	0%
OCDF	0.937	3.748	26.6		26.6	26.6	26.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	3.120	12.480	54.2	J	54.2	54.2	27.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.460	5.840	288		288	288	288	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 157	1.500	6.000	74.1		74.1	74.1	74.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 105	0.316	1.264	471		471	471	471	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.4%
PCB 167	1.380	5.520	218		218	218	218	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.307	1.228	36.4		36.4	36.4	36.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.300	1.200	1370		1370	1370	1370	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.321	1.284	36.8		36.8	36.8	36.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.702	2.809	12.35		12.4	12.4	12.4	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.668	2.674	53.14		53.1	53.1	53.1	0.1	5.3	5.3	5.3	28.5%	31.6%	43.9%
PCB 77	2.200	8.800	104.2		104.2	104.2	104.2	0.05	5.2	5.2	5.2	28.0%	31.0%	43.1%
PCB 81	2.413	9.652	12.48		12.5	12.5	12.5	0.1	1.3	1.3	1.3	6.7%	7.4%	10.3%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		6.7	4.9	0.2
All PCBs		11.9	11.9	11.9
All PCDDs/PCDFs/PCBs		18.6	16.8	12.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG05NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 5 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.621	2.484	10.7	EMPC	10.7	10.7	10.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	1.380	5.520	9.25		9.3	9.3	9.3	0.01	0.1	0.1	0.1	0.6%	0.6%	0.8%
1234789-HpCDF	3.120	12.480	LT		1.6			0.01	0.0			0.1%		
123478-HxCDD	0.268	1.072	2.48		2.5	2.5	2.5	0.05	0.1	0.1	0.1	0.8%	0.8%	1.0%
123478-HxCDF	0.468	1.872	2.61		2.6	2.6	2.6	0.1	0.3	0.3	0.3	1.7%	1.8%	2.1%
123678-HxCDD	0.231	0.924	3.04		3	3	3	0.01	0.0	0.0	0.0	0.2%	0.2%	0.2%
123678-HxCDF	0.667	2.668	3.91		3.9	3.9	3.9	0.1	0.4	0.4	0.4	2.6%	2.6%	3.2%
123789-HxCDD	0.230	0.920	1.71		1.7	1.7	1.7	0.1	0.2	0.2	0.2	1.1%	1.1%	1.4%
123789-HxCDF	0.604	2.416	1.97		2	2		0.1	0.2	0.2		1.3%	1.4%	
12378-PeCDD	0.489	1.956	4.39		4.4	4.4	4.4	1	4.4	4.4	4.4	29.5%	29.7%	36.4%
12378-PeCDF	1.060	4.240	LT		0.5			0.1	0.1			0.3%		
234678-HxCDF	0.521	2.084	2.59		2.6	2.6	2.6	0.1	0.3	0.3	0.3	1.7%	1.8%	2.1%
23478-PeCDF	0.924	3.696	1.54		1.5	1.5		1	1.5	1.5	1.5	10.1%	10.1%	
2378-TCDD	0.195	0.780	1.43		1.4	1.4	1.4	1	1.4	1.4	1.4	9.4%	9.5%	11.6%
2378-TCDF	0.447	1.788	0.549	B	0.5	0.5		1	0.5	0.5	0.5	3.4%	3.4%	
OCDD	0.635	2.540	21.1		21.1	21.1		0	0	0	0	0%	0%	0%
OCDF	0.754	3.016	9.59		9.6	9.6	9.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	21.100	84.400	74.6	J	74.6	74.6		0.00001	0.0	0.0		0.0%	0.0%	
PCB 156	2.630	10.520	497		497	497	497	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.4%
PCB 157	2.700	10.800	148		148	148	148	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.395	1.580	470		470	470	470	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.4%
PCB 167	2.490	9.960	437		437	437	437	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.384	1.536	29.8		29.8	29.8	29.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.379	1.516	1450		1450	1450	1450	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.405	1.620	35.3		35.3	35.3	35.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.663	2.650	4.862		4.9	4.9	4.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.482	1.928	30.72		30.7	30.7	30.7	0.1	3.1	3.1	3.1	20.6%	20.7%	25.4%
PCB 77	1.826	7.304	36.6		36.6	36.6	36.6	0.05	1.8	1.8	1.8	12.3%	12.4%	15.1%
PCB 81	1.616	6.464	4.284	B	4.3	4.3		0.1	0.4	0.4		2.9%	2.9%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		9.4	9.3	7.1
All PCBs		5.5	5.5	5.0
All PCDDs/PCDFs/PCBs		14.9	14.8	12.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG023

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 11.9 pg/g PCB 126

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	3.920	15.680	LT	J	2			0.001	0.0			0.0%		
1234678-HpCDF	3.130	12.520	8.85	J	8.9	8.9		0.01	0.1	0.1		0.7%	2.6%	
1234789-HpCDF	6.230	24.920	6.82	J	6.8	6.8		0.01	0.1	0.1		0.5%	2.0%	
123478-HxCDD	3.130	12.520	LT	J	1.6			0.05	0.1			0.6%		
123478-HxCDF	4.380	17.520	LT	J	2.2			0.1	0.2			1.8%		
123678-HxCDD	2.790	11.160	LT	J	1.4			0.01	0.0			0.1%		
123678-HxCDF	1.590	6.360	3.73	J	3.7	3.7		0.1	0.4	0.4		3.0%	10.9%	
123789-HxCDD	2.730	10.920	LT	J	1.4			0.1	0.1			1.1%		
123789-HxCDF	3.970	15.880	LT	EMPC, J	2			0.1	0.2			1.6%		
12378-PeCDD	4.060	16.240	LT		J	2		1	2.0			16.0%		
12378-PeCDF	6.710	26.840	LT	J	3.4			0.1	0.3			2.7%		
234678-HxCDF	4.760	19.040	5.72	J	5.7	5.7		0.1	0.6	0.6		4.6%	16.8%	
23478-PeCDF	5.740	22.960	LT	J	2.9			1	2.9			23.2%		
2378-TCDD	2.900	11.600	LT	J	1.5			1	1.5			12.0%		
2378-TCDF	2.900	11.600	LT	J	1.5			1	1.5			12.0%		
OCDD	5.180	20.720	15.2	J	15.2			0	0	0		0%	0%	
OCDF	5.380	21.520	20.4	J	20.4	20.4		0.0001	0.0	0.0		0.0%	0.1%	
PCB 189	3.580	14.320	LT		1.8			0.00001	0.0			0.0%		
PCB 156	2.300	9.200	16.7	B	16.7	16.7	8.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	4.560	18.240	LT	EMPC	2.3			0.0001	0.0			0.0%		
PCB 105	0.619	2.476	67.7		B	67.7	67.7	33.9	0.0001	0.0	0.0	0.1%	0.2%	0.2%
PCB 167	2.180	8.720	8.8		8.8	8.8	8.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.602	2.408	5.22	B	5.2	5.2	2.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.598	2.392	184	B	184	184	92	0.00001	0.0	0.0	0.0	0.0%	0.1%	0.0%
PCB 123	2.660	10.640	LT	EMPC	1.3			0.00001	0.0			0.0%		
PCB 169	1.050	4.200	LT		0.5			0.001	0.0			0.0%		
PCB 126	0.812	3.247	15.74		15.7	15.7	15.7	0.1	1.6	1.6	1.6	12.6%	46.2%	78.5%
PCB 77	3.152	12.608	15.23	B	15.2	15.2	7.6	0.05	0.8	0.8	0.4	6.1%	22.4%	19.0%
PCB 81	2.905	11.620	LT		1.5			0.1	0.2			1.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		10.0	1.1	0.0
All PCBs		2.5	2.3	2.0
All PCDDs/PCDFs/PCBs		12.5	3.4	2.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG20NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 20 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.099	0.395	40.6		40.6	40.6	40.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	3.520	14.080	15.5		15.5	15.5	15.5	0.01	0.2	0.2	0.2	0.4%	0.4%	0.5%
1234789-HpCDF	6.250	25.000	LT		3.1			0.01	0.0			0.1%		
123478-HxCDD	1.280	5.120	4.99		5	5		0.05	0.3	0.3		0.7%	0.7%	
123478-HxCDF	0.943	3.772	7.38		7.4	7.4	7.4	0.1	0.7	0.7	0.7	2.0%	2.0%	2.3%
123678-HxCDD	1.060	4.240	24.2		24.2	24.2	24.2	0.01	0.2	0.2	0.2	0.7%	0.7%	0.7%
123678-HxCDF	1.850	7.400	10.5	J	10.5	10.5	5.3	0.1	1.1	1.1	0.5	2.8%	2.9%	1.6%
123789-HxCDD	1.070	4.280	LT		0.5			0.1	0.1			0.1%		
123789-HxCDF	2.630	10.520	LT	EMPC	1.3			0.1	0.1			0.4%		
12378-PeCDD	0.547	2.188	5		5	5	5	1	5.0	5.0	5.0	13.6%	13.7%	15.4%
12378-PeCDF	1.500	6.000	LT		0.8			0.1	0.1			0.2%		
234678-HxCDF	2.780	11.120	LT	EMPC	1.4			0.1	0.1			0.4%		
23478-PeCDF	1.340	5.360	14.8		14.8	14.8	14.8	1	14.8	14.8	14.8	40.1%	40.5%	45.5%
2378-TCDD	0.537	2.148	1.43		1.4	1.4		1	1.4	1.4		3.8%	3.8%	
2378-TCDF	0.788	3.152	1.11		1.1	1.1		1	1.1	1.1		3.0%	3.0%	
OCDD	0.487	1.948	37.5		37.5	37.5	37.5	0	0	0	0	0%	0%	0%
OCDF	1.390	5.560	4.42		4.4	4.4		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	10.400	41.600	168	J	168	168	84	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	5.140	20.560	814		814	814	814	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.3%
PCB 157	5.280	21.120	189		189	189	189	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	1.890	7.560	978		978	978	978	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 167	4.870	19.480	550		550	550	550	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	1.840	7.360	59.3		59.3	59.3	59.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	1.790	7.160	2820		2820	2820	2820	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	1.910	7.640	76.7		76.7	76.7	76.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.148	4.592	11.42		11.4	11.4	11.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.542	6.168	58.29		58.3	58.3	58.3	0.1	5.8	5.8	5.8	15.8%	16.0%	17.9%
PCB 77	5.545	22.180	98.83		98.8	98.8	98.8	0.05	4.9	4.9	4.9	13.4%	13.5%	15.2%
PCB 81	5.089	20.356	7.148		7.1	7.1		0.1	0.7	0.7		1.9%	1.9%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		25.2	24.8	21.5
All PCBs		11.7	11.7	11.0
All PCDDs/PCDFs/PCBs		36.9	36.5	32.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG8SW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 8 SW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.809	3.236	2.18		2.2	2.2		0.001	0.0	0.0		0.0%	0.0%	
1234678-HpCDF	5.890	23.560	5.47		5.5	5.5		0.01	0.1	0.1		0.8%	0.9%	
1234789-HpCDF	10.100	40.400	LT		5.1			0.01	0.1			0.8%		
123478-HxCDD	0.806	3.224	1.27		1.3	1.3		0.05	0.1	0.1		1.0%	1.1%	
123478-HxCDF	0.778	3.112	1.53		1.5	1.5		0.1	0.2	0.2		2.2%	2.5%	
123678-HxCDD	0.676	2.704	1.56		1.6	1.6		0.01	0.0	0.0		0.2%	0.3%	
123678-HxCDF	1.320	5.280	4.74		4.7	4.7		0.1	0.5	0.5		7.0%	8.0%	
123789-HxCDD	0.682	2.728	LT		0.3			0.1	0.0			0.4%		
123789-HxCDF	1.080	4.320	1.18	B	1.2	1.2		0.1	0.1	0.1		1.8%	2.0%	
12378-PeCDD	0.328	1.312	1.1		1.1	1.1		1	1.1	1.1		16.4%	18.6%	
12378-PeCDF	0.732	2.928	LT		0.4			0.1	0.0			0.6%		
234678-HxCDF	0.853	3.412	1.4		1.4	1.4		0.1	0.1	0.1		2.1%	2.4%	
23478-PeCDF	0.837	3.348	LT	EMPC	0.4			1	0.4			6.0%		
2378-TCDD	0.276	1.104	LT		0.1			1	0.1			1.5%		
2378-TCDF	0.313	1.252	LT		0.2			1	0.2			3.0%		
OCDD	0.209	0.836	8.16	B	8.2	8.2	4.1	0	0	0	0	0%	0%	0%
OCDF	0.998	3.992	3.71		3.7	3.7		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	10.600	42.400	118	J	118	118	59	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	3.670	14.680	688		688	688	688	0.0001	0.1	0.1	0.1	1.0%	1.2%	2.3%
PCB 157	3.770	15.080	222		222	222	222	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.7%
PCB 105	0.561	2.244	533		533	533	533	0.0001	0.1	0.1	0.1	0.8%	0.9%	1.8%
PCB 167	3.470	13.880	414		414	414	414	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 114	0.546	2.184	24.8		24.8	24.8	24.8	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.547	2.188	1240		1240	1240	1240	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.4%
PCB 123	0.584	2.336	26.1		26.1	26.1	26.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.624	2.498	3.938		3.9	3.9	3.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.586	2.344	22.43		22.4	22.4	22.4	0.1	2.2	2.2	2.2	33.4%	38.0%	74.7%
PCB 77	1.043	4.172	22.27	B	22.3	22.3	11.1	0.05	1.1	1.1	0.6	16.6%	18.9%	18.5%
PCB 81	0.968	3.870	2.888	B	2.9	2.9		0.1	0.3	0.3		4.3%	4.9%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.9	2.1	0.0
All PCBs		3.8	3.8	3.0
All PCDDs/PCDFs/PCBs		6.7	5.9	3.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG026

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 11.1 pg/g PCB 126

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	2.510	10.040	LT	EMPC	1.3			0.001	0.0			0.0%		
1234678-HpCDF	0.484	1.936	6.38		6.4	6.4	6.4	0.01	0.1	0.1	0.1	0.6%	0.6%	2.1%
1234789-HpCDF	0.903	3.612	3.06		3.1	3.1		0.01	0.0	0.0		0.3%	0.3%	
123478-HxCDD	1.050	4.200	LT		0.5			0.05	0.0			0.2%		
123478-HxCDF	0.826	3.304	6.42		6.4	6.4	6.4	0.1	0.6	0.6	0.6	5.6%	6.4%	20.6%
123678-HxCDD	0.937	3.748	LT		0.5			0.01	0.0			0.0%		
123678-HxCDF	1.260	5.040	5.7		5.7	5.7	5.7	0.1	0.6	0.6	0.6	5.0%	5.7%	18.4%
123789-HxCDD	0.919	3.676	LT		0.5			0.1	0.1			0.4%		
123789-HxCDF	1.040	4.160	3.98		4	4		0.1	0.4	0.4		3.5%	4.0%	
12378-PeCDD	0.360	1.440	LT		0.2			1	0.2			1.8%		
12378-PeCDF	2.570	10.280	5.18		5.2	5.2		0.1	0.5	0.5		4.6%	5.2%	
234678-HxCDF	0.930	3.720	5.18		5.2	5.2	5.2	0.1	0.5	0.5	0.5	4.6%	5.2%	16.8%
23478-PeCDF	2.320	9.280	5.11		5.1	5.1		1	5.1	5.1		44.7%	51.0%	
2378-TCDD	0.394	1.576	LT		0.2			1	0.2			1.8%		
2378-TCDF	1.370	5.480	LT		0.7			1	0.7			6.1%		
OCDD	0.679	2.716	10.5	B	10.5	10.5	5.3	0	0	0	0	0%	0%	0%
OCDF	0.653	2.612	4.4		4.4	4.4	4.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	4.530	18.120	LT	J	2.3			0.00001	0.0			0.0%		
PCB 156	2.200	8.800	14.3	B	14.3	14.3	7.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	2.260	9.040	LT		1.1			0.0001	0.0			0.0%		
PCB 105	0.723	2.892	57	B	57	57	28.5	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 167	2.080	8.320	6.63	B	6.6	6.6		0.00001	0.0	0.0		0.0%	0.0%	
PCB 114	1.890	7.560	LT	EMPC	0.9			0.0001	0.0			0.0%		
PCB 118	0.669	2.676	145	B	145	145	72.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	0.715	2.860	9.24		9.2	9.2	9.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.146	4.584	LT		0.6			0.001	0.0			0.0%		
PCB 126	1.721	6.884	12.64		12.6	12.6	12.6	0.1	1.3	1.3	1.3	11.1%	12.6%	40.6%
PCB 77	5.196	20.784	17.79	B	17.8	17.8		0.05	0.9	0.9		7.8%	8.9%	
PCB 81	4.202	16.808	LT		2.1			0.1	0.2			1.8%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		9.0	7.8	1.8
All PCBs		2.4	2.2	1.3
All PCDDs/PCDFs/PCBs		11.4	10.0	3.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG2NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 2 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.388	1.552	29.2	B	29.2	29.2	29.2	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	1.750	7.000	170		170	170	170	0.01	1.7	1.7	1.7	4.5%	4.5%	4.8%
1234789-HpCDF	3.460	13.840	1.41		1.4	1.4		0.01	0.0	0.0		0.0%	0.0%	
123478-HxCDD	0.602	2.408	10.5		10.5	10.5	10.5	0.05	0.5	0.5	0.5	1.4%	1.4%	1.5%
123478-HxCDF	1.250	5.000	5.27		5.3	5.3	5.3	0.1	0.5	0.5	0.5	1.4%	1.4%	1.5%
123678-HxCDD	0.541	2.164	17.8		17.8	17.8	17.8	0.01	0.2	0.2	0.2	0.5%	0.5%	0.5%
123678-HxCDF	1.370	5.480	54.8		54.8	54.8	54.8	0.1	5.5	5.5	5.5	14.5%	14.5%	15.4%
123789-HxCDD	0.528	2.112	5.65		5.7	5.7	5.7	0.1	0.6	0.6	0.6	1.5%	1.5%	1.6%
123789-HxCDF	1.620	6.480	1.08		1.1	1.1		0.1	0.1	0.1		0.3%	0.3%	
12378-PeCDD	0.455	1.820	12.4		12.4	12.4	12.4	1	12.4	12.4	12.4	32.7%	32.7%	34.8%
12378-PeCDF	0.812	3.248	1.73		1.7	1.7		0.1	0.2	0.2		0.4%	0.4%	
234678-HxCDF	1.390	5.560	3.7		3.7	3.7		0.1	0.4	0.4		1.0%	1.0%	
23478-PeCDF	0.737	2.948	3.66		3.7	3.7	3.7	1	3.7	3.7	3.7	9.8%	9.8%	10.4%
2378-TCDD	0.258	1.032	2.21		2.2	2.2	2.2	1	2.2	2.2	2.2	5.8%	5.8%	6.2%
2378-TCDF	0.401	1.604	1.05		1.1	1.1		1	1.1	1.1		2.9%	2.9%	
OCDD	0.122	0.488	37.5		37.5	37.5	37.5	0	0	0	0	0%	0%	0%
OCDF	0.775	3.100	5.25		5.3	5.3	5.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	4.500	18.000	135	J	135	135	67.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	2.170	8.680	933		933	933	933	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.3%
PCB 157	2.230	8.920	239		239	239	239	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.383	1.532	1030		1030	1030	1030	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 167	2.050	8.200	494		494	494	494	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.373	1.492	51.3		51.3	51.3	51.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.343	1.372	2820		2820	2820	2820	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.366	1.464	41.6		41.6	41.6	41.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.670	2.680	7.886		7.9	7.9	7.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.466	1.862	53.3		53.3	53.3	53.3	0.1	5.3	5.3	5.3	14.1%	14.1%	15.0%
PCB 77	2.072	8.288	53.51		53.5	53.5	53.5	0.05	2.7	2.7	2.7	7.1%	7.1%	7.5%
PCB 81	1.934	7.736	4.918		B	4.9	4.9		0.1	0.5	0.5	1.3%	1.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		29.1	29.1	27.3
All PCBs		8.8	8.8	8.3
All PCDDs/PCDFs/PCBs		37.9	37.9	35.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs, are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG01BL

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Barr Lake

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.334	1.336	6.6		6.6	6.6	6.6	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.860	7.440	11.2		11.2	11.2	11.2	0.01	0.1	0.1	0.1	0.3%	0.4%	0.4%
1234789-HpCDF	3.810	15.240	LT		1.9			0.01	0.0			0.1%		
123478-HxCDD	0.606	2.424	1.77		1.8	1.8		0.05	0.1	0.1		0.3%	0.3%	
123478-HxCDF	1.160	4.640	2.94		2.9	2.9		0.1	0.3	0.3		0.9%	0.9%	
123678-HxCDD	0.506	2.024	3.61		3.6	3.6	3.6	0.01	0.0	0.0	0.0	0.1%	0.1%	0.1%
123678-HxCDF	2.250	9.000	5.4		5.4	5.4		0.1	0.5	0.5		1.7%	1.7%	
123789-HxCDD	0.512	2.048	0.991		1	1		0.1	0.1	0.1		0.3%	0.3%	
123789-HxCDF	1.730	6.920	2.01		2	2		0.1	0.2	0.2		0.6%	0.6%	
12378-PeCDD	0.454	1.816	2.74		2.7	2.7	2.7	1	2.7	2.7	2.7	8.4%	8.5%	10.2%
12378-PeCDF	0.623	2.492	1.22		1.2	1.2		0.1	0.1	0.1		0.4%	0.4%	
234678-HxCDF	1.410	5.640	2.19		2.2	2.2		0.1	0.2	0.2		0.7%	0.7%	
23478-PeCDF	1.260	5.040	2.16		2.2	2.2		1	2.2	2.2		6.8%	6.9%	
2378-TCDD	0.812	3.248	LT	EMPC	0.4	0		1	0.4	0.0		1.2%	0.0%	
2378-TCDF	0.438	1.752	1.46		1.5	1.5		1	1.5	1.5		4.7%	4.7%	
OCDD	0.502	2.008	10	B	10	10	5	0	0	0	0	0%	0%	0%
OCDF	0.794	3.176	6.07		6.1	6.1	6.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189				NC, J				0.00001						
PCB 156	3.820	15.280	2680		2680	2680	2680	0.0001	0.3	0.3	0.3	0.8%	0.8%	1.0%
PCB 157	3.920	15.680	873		873	873	873	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 105	0.787	3.148	2820		2820	2820	2820	0.0001	0.3	0.3	0.3	0.9%	0.9%	1.1%
PCB 167	3.620	14.480	2550	C, J	2550	2550	1275	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.0%
PCB 114	0.767	3.068	161		161	161	161	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	0.714	2.856	7560	C, J	7560	7560	3780	0.00001	0.1	0.1	0.0	0.2%	0.2%	0.1%
PCB 123	0.764	3.056	248		248	248	248	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.538	2.151	13.35		13.4	13.4	13.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	0.358	1.431	88.46		88.5	88.5	88.5	0.1	8.9	8.9	8.9	27.5%	27.8%	33.4%
PCB 77	2.429	9.716	238		238	238	238	0.05	11.9	11.9	11.9	37.0%	37.4%	44.9%
PCB 81	2.072	8.288	21.54		21.5	21.5	21.5	0.1	2.2	2.2	2.2	6.7%	6.8%	8.1%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		8.5	8.1	2.9
All PCBs		23.7	23.7	23.6
All PCDDs/PCDFs/PCBs		32.2	31.8	26.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG34NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 34 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.775	3.100	1.92		1.9	1.9		0.001	0.0	0.0		0.0%	0.0%	
1234678-HpCDF	0.996	3.984	4.54		4.5	4.5	4.5	0.01	0.0	0.0	0.0	0.6%	0.7%	0.9%
1234789-HpCDF	1.940	7.760	LT		1			0.01	0.0			0.1%		
123478-HxCDD	0.425	1.700	1.01		1	1		0.05	0.1	0.1		0.7%	0.8%	
123478-HxCDF	0.743	2.972	0.937		0.9	0.9		0.1	0.1	0.1		1.3%	1.4%	
123678-HxCDD	0.346	1.384	1.14		1.1	1.1		0.01	0.0	0.0		0.2%	0.2%	
123678-HxCDF	0.812	3.248	4.1		4.1	4.1	4.1	0.1	0.4	0.4	0.4	5.8%	6.4%	8.2%
123789-HxCDD	0.354	1.416	LT		0.2			0.1	0.0			0.3%		
123789-HxCDF	0.985	3.940	1.25	B	1.3	1.3		0.1	0.1	0.1		1.8%	2.0%	
12378-PeCDD	0.316	1.264	1.42		1.4	1.4	1.4	1	1.4	1.4	1.4	19.7%	21.9%	28.0%
12378-PeCDF	0.243	0.972	0.461	B	0.5	0.5		0.1	0.1	0.1		0.7%	0.8%	
234678-HxCDF	1.170	4.680	LT	EMPC	0.6			0.1	0.1			0.8%		
23478-PeCDF	0.779	3.116	LT	EMPC	0.4			1	0.4			5.6%		
2378-TCDD	0.410	1.640	LT	EMPC	0.2			1	0.2			2.8%		
2378-TCDF	0.299	1.196	0.328	B	0.3	0.3		1	0.3	0.3		4.2%	4.7%	
OCDD	0.353	1.412	5.52	B	5.5	5.5	2.8	0	0	0	0	0%	0%	0%
OCDF	0.475	1.900	3.29	B	3.3	3.3	1.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	74.500	298.000	LT	EMPC, J	37.3			0.00001	0.0			0.0%		
PCB 156	4.880	19.520	381		381	381	381	0.0001	0.0	0.0	0.0	0.5%	0.6%	0.8%
PCB 157	5.010	20.040	127		127	127	127	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 105	0.822	3.288	352		352	352	352	0.0001	0.0	0.0	0.0	0.5%	0.6%	0.7%
PCB 167	4.620	18.480	402		402	402	402	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 114	0.800	3.200	25.5		25.5	25.5	25.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.749	2.996	1010		1010	1010	1010	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 123	0.800	3.200	27.8		27.8	27.8	27.8	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.344	1.375	7.825		7.8	7.8	7.8	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 126	0.345	1.381	24.43		24.4	24.4	24.4	0.1	2.4	2.4	2.4	34.4%	38.1%	48.8%
PCB 77	1.614	6.456	22.22	B	22.2	22.2	11.1	0.05	1.1	1.1	0.6	15.6%	17.3%	11.1%
PCB 81	1.507	6.028	2.712	B	2.7	2.7		0.1	0.3	0.3		3.8%	4.2%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		3.2	2.5	1.9
All PCBs		3.9	3.9	3.1
All PCDDs/PCDFs/PCBs		7.1	6.4	5.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG8NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 8 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.493	1.972	123		123	123	123	0.001	0.1	0.1	0.1	0.3%	0.3%	0.4%
1234678-HpCDF	17.400	69.600	28.1		28.1	28.1		0.01	0.3	0.3	0.3	1.0%	1.0%	
1234789-HpCDF	30.400	121.600	LT		15.2			0.01	0.2			0.4%		
123478-HxCDD	0.237	0.948	15.6		15.6	15.6	15.6	0.05	0.8	0.8	0.8	2.2%	2.2%	2.5%
123478-HxCDF	0.577	2.308	5.27		5.3	5.3	5.3	0.1	0.5	0.5	0.5	1.5%	1.5%	1.7%
123678-HxCDD	0.196	0.784	42		42	42	42	0.01	0.4	0.4	0.4	1.2%	1.2%	1.3%
123678-HxCDF	0.898	3.592	7.3		7.3	7.3	7.3	0.1	0.7	0.7	0.7	2.0%	2.1%	2.3%
123789-HxCDD	0.199	0.796	12.6		12.6	12.6	12.6	0.1	1.3	1.3	1.3	3.5%	3.5%	4.0%
123789-HxCDF	0.741	2.964	1.11	B	1.1	1.1		0.1	0.1	0.1	0.1	0.3%	0.3%	
12378-PeCDD	0.310	1.240	19.5		19.5	19.5	19.5	1	19.5	19.5	19.5	54.6%	54.9%	61.9%
12378-PeCDF	0.820	3.280	1.55		1.6	1.6		0.1	0.2	0.2	0.2	0.4%	0.5%	
234678-HxCDF	0.644	2.576	3.58		3.6	3.6	3.6	0.1	0.4	0.4	0.4	1.0%	1.0%	1.1%
23478-PeCDF	0.723	2.892	2.7		2.7	2.7		1	2.7	2.7	2.7	7.6%	7.6%	
2378-TCDD	0.122	0.488	3.34		3.3	3.3	3.3	1	3.3	3.3	3.3	9.2%	9.3%	10.5%
2378-TCDF	0.482	1.928	0.624	B	0.6	0.6		1	0.6	0.6	0.6	1.7%	1.7%	
OCDD	0.317	1.268	254		254	254		0	0	0	0	0%	0%	0%
OCDF	0.876	3.504	4.5		4.5	4.5	4.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	10.900	43.600	104	J	104	104	52	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	5.440	21.760	544		544	544	544	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 157	5.590	22.360	170		170	170	170	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 105	1.060	4.240	509		509	509	509	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.2%
PCB 167	5.150	20.600	379		379	379	379	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	1.030	4.120	LT		0.5			0.0001	0.0			0.0%		
PCB 118	0.875	3.500	1340	J	1340	1340	670	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	0.936	3.744	21.8	J	21.8	21.8	10.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.869	3.476	5.345		5.3	5.3	5.3	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.649	2.596	31.46		31.5	31.5	31.5	0.1	3.2	3.2	3.2	8.8%	8.9%	10.0%
PCB 77	1.560	6.240	25.18		25.2	25.2	25.2	0.05	1.3	1.3	1.3	3.5%	3.5%	4.0%
PCB 81	2.738	10.952	LT	EMPC	1.4			0.1	0.1			0.4%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		31.0	30.9	27.0
All PCBs		4.7	4.6	4.5
All PCDDs/PCDFs/PCBs		35.7	35.5	31.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG01AR

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Aurora Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.506	2.024	11		11	11	11	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.170	4.680	9.43		9.4	9.4	9.4	0.01	0.1	0.1	0.1	0.2%	0.2%	0.3%
1234789-HpCDF	2.100	8.400	2.84		2.8	2.8		0.01	0.0	0.0		0.1%	0.1%	
123478-HxCDD	0.521	2.084	2.94		2.9	2.9	2.9	0.05	0.1	0.1	0.1	0.4%	0.4%	0.4%
123478-HxCDF	3.610	14.440	8.29		8.3	8.3		0.1	0.8	0.8		2.0%	2.0%	
123678-HxCDD	0.444	1.776	4.94		4.9	4.9	4.9	0.01	0.0	0.0		0.1%	0.1%	0.1%
123678-HxCDF	6.630	26.520	8.9		8.9	8.9		0.1	0.9	0.9		2.1%	2.2%	
123789-HxCDD	0.446	1.784	2.5		2.5	2.5	2.5	0.1	0.3	0.3	0.3	0.6%	0.6%	0.7%
123789-HxCDF	5.010	20.040	4.4		4.4	4.4		0.1	0.4	0.4		1.1%	1.1%	
12378-PeCDD	0.331	1.324	6.26		6.3	6.3	6.3	1	6.3	6.3	6.3	15.2%	15.4%	17.1%
12378-PeCDF	1.790	7.160	8.11		8.1	8.1	8.1	0.1	0.8	0.8	0.8	2.0%	2.0%	2.2%
234678-HxCDF	4.120	16.480	8.45		8.5	8.5		0.1	0.9	0.9		2.1%	2.1%	
23478-PeCDF	1.620	6.480	14.3		14.3	14.3	14.3	1	14.3	14.3	14.3	34.5%	35.0%	38.8%
2378-TCDD	1.200	4.800	LT	EMPC	0.6				1	0.6		1.4%		
2378-TCDF	0.910	3.640	5.92		5.9	5.9	5.9	1	5.9	5.9	5.9	14.3%	14.5%	16.0%
OCDD	0.237	0.948	9.58	B	9.6	9.6	4.8	0	0	0	0	0%	0%	0%
OCDF	0.534	2.136	5.29		5.3	5.3	5.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	58.100	232.400	383	J	383	383	191.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	5.120	20.480	1340		1340	1340	1340	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.4%
PCB 157	5.260	21.040	409		409	409	409	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	3.580	14.320	1590		1590	1590	1590	0.0001	0.2	0.2	0.2	0.4%	0.4%	0.4%
PCB 167	4.850	19.400	1070		1070	1070	1070	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	3.480	13.920	107		107	107	107	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	3.320	13.280	4920	C, J	4920	4920	2460	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	3.550	14.200	115		115	115	115	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.374	5.496	19.55		19.6	19.6	19.6	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	1.075	4.300	63.38		63.4	63.4	63.4	0.1	6.3	6.3	6.3	15.3%	15.5%	17.2%
PCB 77	2.953	11.812	44.57		44.6	44.6	44.6	0.05	2.2	2.2	2.2	5.4%	5.5%	6.0%
PCB 81	2.784	11.136	9.285		9.3	9.3		0.1	0.9	0.9		2.2%	2.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		31.5	30.9	27.9
All PCBs		9.9	9.9	9.0
All PCDDs/PCDFs/PCBs		41.4	40.8	36.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG05ACP

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Adams County Fairground

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.845	7.380	12.28		12.3	12.3	12.3	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
1234678-HpCDF	1.378	5.512	LT	EMPC	0.7			0.01	0.0			0.1%		
1234789-HpCDF	1.996	7.984	LT	EMPC	1			0.01	0.0			0.1%		
123478-HxCDD	2.132	8.528	LT	EMPC	1.1			0.05	0.1			0.6%		
123478-HxCDF	0.938	3.750	LT	EMPC	0.5			0.1	0.1			0.5%		
123678-HxCDD	0.927	3.708	5.033		5	5	5	0.01	0.1	0.1	0.1	0.5%	0.5%	0.7%
123678-HxCDF	0.819	3.277	1.252		1.3	1.3		0.1	0.1	0.1		1.3%	1.4%	
123789-HxCDD	0.902	3.606	1.007	B	1	1		0.1	0.1	0.1		1.0%	1.1%	
123789-HxCDF	1.548	6.192	LT		0.8			0.1	0.1			0.8%		
12378-PeCDD	0.080	0.320	2.563		2.6	2.6	2.6	1	2.6	2.6	2.6	26.5%	28.3%	34.2%
12378-PeCDF	0.482	1.928	LT	D	0.2			0.1	0.0			0.2%		
234678-HxCDF	4.358	17.432	LT		2.2			0.1	0.2			2.2%		
23478-PeCDF	0.099	0.396	0.722	B	0.7	0.7	0.4	1	0.7	0.7	0.4	7.1%	7.6%	5.3%
2378-TCDD	0.445	1.780	LT		0.2			1	0.2			2.0%		
2378-TCDF	0.249	0.995	0.676		0.7	0.7		1	0.7	0.7		7.1%	7.6%	
OCDD	2.552	10.208	50.65		50.7	50.7		0	0	0	0	0%	0%	0%
OCDF	2.618	10.472	LT		1.3			0.0001	0.0			0.0%		
PCB 189	117.000	468.000	LT	J	58.5			0.00001	0.0			0.0%		
PCB 156	2.280	9.120	528		528	528	528	0.0001	0.1	0.1	0.1	0.5%	0.6%	0.7%
PCB 157	2.340	9.360	152		152	152	152	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 105	3.250	13.000	462		462	462	462	0.0001	0.0	0.0	0.0	0.5%	0.5%	0.6%
PCB 167	2.160	8.640	402		402	402	402	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	3.160	12.640	32.2		32.2	32.2	32.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	3.200	12.800	1460		1460	1460	1460	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 123	0.622	2.488	29.1		29.1	29.1	29.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.744	2.977	5.88		5.9	5.9	5.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.836	3.345	24.29		24.3	24.3	24.3	0.1	2.4	2.4	2.4	24.8%	26.4%	32.0%
PCB 77	1.711	6.844	38.78		38.8	38.8	38.8	0.05	1.9	1.9	1.9	19.8%	21.1%	25.5%
PCB 81	1.624	6.496	4.22	B	4.2	4.2		0.1	0.4	0.4		4.3%	4.6%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		4.9	4.3	3.1
All PCBs		4.9	4.9	4.5
All PCDDs/PCDFs/PCBs		9.8	9.2	7.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG07CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	2.610	10.440	LT	EMPC	1.3			0.001	0.0			0.0%		
1234678-HpCDF	4.700	18.800	2.61		2.6	2.6		0.01	0.0	0.0		0.2%	0.1%	
1234789-HpCDF	8.980	35.920	LT		4.5			0.01	0.0			0.3%		
123478-HxCDD	1.410	5.640	1.75		1.8	1.8		0.05	0.1	0.1		0.6%	0.3%	
123478-HxCDF	0.603	2.412	LT		0.3			0.1	0.0			0.2%		
123678-HxCDD	1.270	5.080	2.59		2.6	2.6		0.01	0.0	0.0		0.2%	0.1%	
123678-HxCDF	1.030	4.120	2.19		2.2	2.2		0.1	0.2	0.2		1.4%	0.8%	
123789-HxCDD	1.240	4.960	LT		0.6			0.1	0.1			0.4%		
123789-HxCDF	0.834	3.336	1.28	B	1.3	1.3		0.1	0.1	0.1		0.8%	0.5%	
12378-PeCDD	2.980	11.920	LT	EMPC	1.5			1	1.5			9.8%		
12378-PeCDF	0.886	3.544	LT		0.4			0.1	0.0			0.3%		
234678-HxCDF	0.680	2.720	1.18	B	1.2	1.2		0.1	0.1	0.1		0.8%	0.4%	
23478-PeCDF	1.170	4.680	LT	EMPC	0.6			1	0.6			3.9%		
2378-TCDD	0.101	0.404	0.861		0.9	0.9	0.9	1	0.9	0.9	0.9	5.9%	3.2%	4.4%
2378-TCDF	0.494	1.976	0.713	B	0.7	0.7		1	0.7	0.7		4.6%	2.5%	
OCDD	0.335	1.340	24.6		24.6	24.6	24.6	0	0	0	0	0%	0%	0%
OCDF	0.780	3.120	LT		0.4			0.0001	0.0			0.0%		
PCB 189	9.830	39.320	141	J	141	141	70.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	6.150	24.600	754		754	754	754	0.0001	0.1	0.1	0.1	0.5%	0.3%	0.4%
PCB 157	6.310	25.240	185		185	185	185	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.927	3.708	971		971	971	971	0.0001	0.1	0.1	0.1	0.6%	0.3%	0.5%
PCB 167	5.820	23.280	482		482	482	482	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.903	3.612	66.3		66.3	66.3	66.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.859	3.436	2820	C, J	2820	2820	1410	0.00001	0.0	0.0	0.0	0.2%	0.1%	0.1%
PCB 123	0.918	3.672	52.2		52.2	52.2	52.2	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.320	5.280	6.953		7	7	7	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.392	5.568	55.66		55.7	55.7	55.7	0.1	5.6	5.6	5.6	36.4%	19.5%	27.0%
PCB 77	3.100	12.400	84.65		84.7	84.7	84.7	0.05	4.2	4.2	4.2	27.7%	14.9%	20.6%
PCB 81	2.427	9.708	7.226		7.2	7.2		0.1	0.7	0.7		4.7%	2.5%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		4.5	2.2	0.9
All PCBs		10.8	10.8	10.0
All PCDDs/PCDFs/PCBs		15.3	13.0	10.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG034

SAMPLE TYPE: American kestrel egg

LOCATION: Quality control sample, 131.6 pg/g PCB 126

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.211	0.844	2.61	B	2.6	2.6	2.6	0.001	0.0	0.0	0.0	0.1%	0.2%	0.0%
1234678-HpCDF	0.470	1.880	1.6	B	1.6	1.6		0.01	0.0	0.0	0.0	0.6%	1.3%	0.0%
1234789-HpCDF	0.909	3.636	LT	EMPC	0.5			0.01	0.0			0.2%	0.0%	0.0%
123478-HxCDD	0.824	3.296	LT		0.4			0.05	0.0			0.7%	0.0%	0.0%
123478-HxCDF	0.972	3.888	LT		0.5			0.1	0.1			1.7%	0.0%	0.0%
123678-HxCDD	0.173	0.692	LT		0.1			0.01	0.0			0.0%	0.0%	0.0%
123678-HxCDF	1.170	4.680	LT		0.6			0.1	0.1			2.1%	0.0%	0.0%
123789-HxCDD	0.176	0.704	LT	B	0.1			0.1	0.0			0.3%	0.0%	0.0%
123789-HxCDF	1.370	5.480	2.28		2.3	2.3		0.1	0.2	0.2		7.9%	19.2%	0.0%
12378-PeCDD	0.573	2.292	0.825		0.8	0.8		1	0.8	0.8		27.6%	66.7%	0.0%
12378-PeCDF	1.190	4.760	LT		0.6			0.1	0.1			2.1%	0.0%	0.0%
234678-HxCDF	1.010	4.040	1.14		1.1	1.1		0.1	0.1	0.1		3.8%	9.2%	0.0%
23478-PeCDF	1.060	4.240	LT	B	0.5			1	0.5			17.2%	0.0%	0.0%
2378-TCDD	0.726	2.904	LT		0.4			1	0.4			13.8%	0.0%	0.0%
2378-TCDF	1.120	4.480	LT		0.6			1	0.6			20.7%	0.0%	0.0%
OCDD	0.289	1.156	18.4		18.4	18.4		0	0	0	0	0%	0%	0%
OCDF	2.660	10.640	LT		1.3			0.0001	0.0			0.0%		
PCB 189			NC	NC, J				0.00001						
PCB 156			20.7	J, B	20.7	20.7	10.4	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.0%
PCB 157			3.36	J, B	3.4	3.4	1.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105			77.7	J	77.7	77.7	38.9	0.0001	0.0	0.0	0.0	0.3%	0.6%	0.0%
PCB 167			11.2	J	11.2	11.2	5.6	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	8.100	32.400	LT	EMPC, J	4.1			0.0001	0.0			0.0%		
PCB 118			200	J, B	200	200	100	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.0%
PCB 123			5.35	J	5.4	5.4	2.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169								0.001						
PCB 126								0.1						
PCB 77								0.05						
PCB 81								0.1						

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.9	1.2	0.0
All PCBs		0.0	0.0	0.0
All PCDDs/PCDFs/PCBs		2.9	1.2	0.0

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG08CC

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Cherry Creek Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ			
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant	
1234678-HpCDD	0.447	1.788	2.5		2.5	2.5	2.5	0.001	0.0	0.0	0.0	0.1%	0.1%	0.6%	
1234678-HpCDF	1.220	4.880	2.59		2.6	2.6		0.01	0.0	0.0	0.0	0.7%	0.8%		
1234789-HpCDF	2.340	9.360	LT		1.2			0.01	0.0			0.3%			
123478-HxCDD	0.772	3.088	LT	EMPC	0.4			0.05	0.0			0.6%			
123478-HxCDF	0.326	1.304	0.423		B	0.4	0.4	0.1	0.0	0.0	0.0	1.1%	1.3%		
123678-HxCDD	0.307	1.228	1.09		1.1	1.1		0.01	0.0	0.0	0.0	0.3%	0.4%		
123678-HxCDF	0.297	1.188	2.12		2.1	2.1	2.1	0.1	0.2	0.2	0.2	6.0%	6.8%	52.5%	
123789-HxCDD	0.317	1.268	0.346		0.3	0.3		0.1	0.0	0.0	0.0	0.9%	1.0%		
123789-HxCDF	0.832	3.328	LT	EMPC	0.4			0.1	0.0			1.1%			
12378-PeCDD	0.418	1.672	1.52		1.5	1.5		1	1.5	1.5	1.5	42.9%	48.4%		
12378-PeCDF	0.328	1.312	0.332	B	0.3	0.3		0.1	0.0	0.0	0.0	0.9%	1.0%		
234678-HxCDF	0.509	2.036	LT		EMPC	0.3		0.1	0.0	0.0	0.0	0.9%			
23478-PeCDF	0.339	1.356	0.687	B	0.7	0.7		1	0.7	0.7	0.7	20.0%	22.6%		
2378-TCDD	0.321	1.284	0.423		0.4	0.4		1	0.4	0.4	0.4	11.4%	12.9%		
2378-TCDF	0.344	1.376	LT		0.2			1	0.2			5.7%			
OCDD	0.025	0.100	17		17	17	17	0	0	0	0	0%	0%	0%	
OCDF	0.352	1.408	0.757	B	0.8	0.8		0.0001	0.0	0.0	0.0	0.0%	0.0%		
PCB 189	3.630	14.520	154		J	154	154	77	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.2%
PCB 156	2.530	10.120	652			652	652	652	0.0001	0.1	0.1	0.1	1.9%	2.1%	16.3%
PCB 157	2.600	10.400	142			142	142	142	0.0001	0.0	0.0	0.0	0.4%	0.5%	3.6%
PCB 105	1.130	4.520	551			551	551	551	0.0001	0.1	0.1	0.1	1.6%	1.8%	13.8%
PCB 167	2.400	9.600	482			482	482	482	0.00001	0.0	0.0	0.0	0.1%	0.2%	1.2%
PCB 114	1.100	4.400	40.4			40.4	40.4	40.4	0.0001	0.0	0.0	0.0	0.1%	0.1%	1.0%
PCB 118	1.040	4.160	1620			1620	1620	1620	0.00001	0.0	0.0	0.0	0.5%	0.5%	4.1%
PCB 123	1.120	4.480	28.5			28.5	28.5	28.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 169								0.001							
PCB 126								0.1							
PCB 77								0.05							
PCB 81								0.1							

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		3.3	2.9	0.2
All PCBs		0.2	0.2	0.2
All PCDDs/PCDFs/PCBs		3.5	3.1	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG11SW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 11 SW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.280	1.120	7.51		7.5	7.5	7.5	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	1.640	6.560	4.27		4.3	4.3		0.01	0.0	0.0	0.0	0.4%	0.5%	
1234789-HpCDF	3.260	13.040	LT		1.6			0.01	0.0			0.2%		
123478-HxCDD	0.966	3.864	LT	EMPC	0.5			0.05	0.0			0.2%		
123478-HxCDF	0.952	3.808	LT	EMPC	0.5			0.1	0.1			0.5%		
123678-HxCDD	0.246	0.984	1.34		1.3	1.3	1.3	0.01	0.0	0.0	0.0	0.1%	0.2%	0.2%
123678-HxCDF	0.595	2.380	1.83		1.8	1.8		0.1	0.2	0.2		1.7%	2.1%	
123789-HxCDD	0.249	0.996	0.553		0.6	0.6		0.1	0.1	0.1		0.6%	0.7%	
123789-HxCDF	0.597	2.388	1.14	B	1.1	1.1		0.1	0.1	0.1		1.0%	1.3%	
12378-PeCDD	1.790	7.160	LT	EMPC	0.9			1	0.9			8.5%		
12378-PeCDF	0.702	2.808	LT		0.4			0.1	0.0			0.4%		
234678-HxCDF	0.674	2.696	LT	EMPC	0.3			0.1	0.0			0.3%		
23478-PeCDF	0.706	2.824	LT	EMPC	0.4			1	0.4			3.8%		
2378-TCDD	0.586	2.344	LT	EMPC	0.3			1	0.3			2.8%		
2378-TCDF	0.409	1.636	LT		0.2			1	0.2			1.9%		
OCDD	0.265	1.060	22.1		22.1	22.1		0	0	0	0	0%	0%	0%
OCDF	0.410	1.640	1.34	B	1.3	1.3		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	0.777	3.108	129		129	129	129	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.700	6.800	690		690	690	690	0.0001	0.1	0.1	0.1	0.7%	0.8%	0.9%
PCB 157	1.750	7.000	161		161	161	161	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 105	0.462	1.848	674		674	674	674	0.0001	0.1	0.1	0.1	0.6%	0.8%	0.9%
PCB 167	1.610	6.440	481		481	481	481	0.00001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 114	0.450	1.800	48.6		48.6	48.6	48.6	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 118	0.415	1.660	2050		2050	2050	2050	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 123	0.444	1.776	44.4		44.4	44.4	44.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.750	3.001	8.923		8.9	8.9	8.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.614	2.454	49.5		49.5	49.5	49.5	0.1	5.0	5.0	5.0	46.7%	57.6%	65.1%
PCB 77	2.203	8.812	48.4		48.4	48.4	48.4	0.05	2.4	2.4	2.4	22.8%	28.1%	31.8%
PCB 81	2.022	8.088	6.647		6.6	6.6		0.1	0.7	0.7		6.2%	7.7%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.4	0.4	0.0
All PCBs		8.2	8.2	7.6
All PCDDs/PCDFs/PCBs		10.6	8.6	7.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG33NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 33 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.462	1.848	28.4		28.4	28.4	28.4	0.001	0.0	0.0	0.0	0.2%	0.2%	0.3%
1234678-HpCDF	1.600	6.400	6.27		6.3	6.3		0.01	0.1	0.1	0.1	0.5%	0.5%	
1234789-HpCDF	3.230	12.920	LT		1.6			0.01	0.0			0.1%		
123478-HxCDD	0.318	1.272	4.01		4	4	4	0.05	0.2	0.2	0.2	1.6%	1.6%	2.2%
123478-HxCDF	0.875	3.500	1.4		1.4	1.4		0.1	0.1	0.1	0.1	1.1%	1.1%	
123678-HxCDD	0.260	1.040	7.12		7.1	7.1	7.1	0.01	0.1	0.1	0.1	0.6%	0.6%	0.8%
123678-HxCDF	0.961	3.844	3.91		3.9	3.9	3.9	0.1	0.4	0.4	0.4	3.1%	3.2%	4.4%
123789-HxCDD	0.265	1.060	2.3		2.3	2.3	2.3	0.1	0.2	0.2	0.2	1.9%	1.9%	2.6%
123789-HxCDF	1.230	4.920	LT	EMPC	0.6			0.1	0.1			0.5%		
12378-PeCDD	0.270	1.080	4.07		4.1	4.1	4.1	1	4.1	4.1	4.1	33.1%	33.6%	46.1%
12378-PeCDF	0.298	1.192	0.77		0.8	0.8		0.1	0.1	0.1	0.1	0.6%	0.7%	
234678-HxCDF	1.580	6.320	LT	EMPC	0.8			0.1	0.1			0.6%		
23478-PeCDF	0.965	3.860	1.22		1.2	1.2		1	1.2	1.2	1.2	9.7%	9.8%	
2378-TCDD	0.312	1.248	0.863		0.9	0.9		1	0.9	0.9	0.9	7.3%	7.4%	
2378-TCDF	0.518	2.072	0.569	B	0.6	0.6		1	0.6	0.6	0.6	4.8%	4.9%	
OCDD	0.285	1.140	57.5		57.5	57.5	57.5	0	0	0	0	0%	0%	0%
OCDF	0.493	1.972	5.42		5.4	5.4	5.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	10.000	40.000	160	J	160	160	80	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	2.980	11.920	472		472	472	472	0.0001	0.0	0.0	0.0	0.4%	0.4%	0.5%
PCB 157	3.060	12.240	124		124	124	124	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.576	2.304	300		300	300	300	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 167	2.820	11.280	264		264	264	264	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.561	2.244	24.3		24.3	24.3	24.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.532	2.128	962		962	962	962	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.569	2.276	18.9		18.9	18.9	18.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.886	3.544	4.881		4.9	4.9	4.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	0.615	2.460	25.04		25	25	25	0.1	2.5	2.5	2.5	20.2%	20.5%	28.1%
PCB 77	0.871	3.484	25.52		25.5	25.5	25.5	0.05	1.3	1.3	1.3	10.3%	10.5%	14.3%
PCB 81	0.819	3.275	2.938	B	2.9	2.9		0.1	0.3	0.3	0.3	2.3%	2.4%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		8.2	8.0	5.0
All PCBs		4.2	4.2	3.9
All PCDDs/PCDFs/PCBs		12.4	12.2	8.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG11NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 11 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.539	2.156	38.5		38.5	38.5	38.5	0.001	0.0	0.0	0.0	0.3%	0.3%	0.4%
1234678-HpCDF	1.290	5.160	10.8		10.8	10.8	10.8	0.01	0.1	0.1	0.1	0.8%	0.8%	1.1%
1234789-HpCDF	2.560	10.240	LT		1.3			0.01	0.0			0.1%		
123478-HxCDD	0.278	1.112	3.37		3.4	3.4	3.4	0.05	0.2	0.2	0.2	1.2%	1.2%	1.7%
123478-HxCDF	0.706	2.824	2.59		2.6	2.6		0.1	0.3	0.3		1.8%	1.9%	
123678-HxCDD	0.236	0.944	10.5		10.5	10.5	10.5	0.01	0.1	0.1	0.1	0.7%	0.8%	1.0%
123678-HxCDF	0.846	3.384	7.31		7.3	7.3	7.3	0.1	0.7	0.7	0.7	5.1%	5.3%	7.2%
123789-HxCDD	0.237	0.948	3.09		3.1	3.1	3.1	0.1	0.3	0.3	0.3	2.2%	2.2%	3.0%
123789-HxCDF	1.150	4.600	LT	EMPC	0.6			0.1	0.1			0.4%		
12378-PeCDD	0.442	1.768	2.96		3	3	3	1	3.0	3.0	3.0	20.8%	21.7%	29.4%
12378-PeCDF	1.410	5.640	LT	EMPC	0.7			0.1	0.1			0.5%		
234678-HxCDF	0.792	3.168	3.12		3.1	3.1		0.1	0.3	0.3		2.2%	2.2%	
23478-PeCDF	0.891	3.564	2.06		2.1	2.1		1	2.1	2.1		14.6%	15.2%	
2378-TCDD	0.247	0.988	0.508		0.5	0.5		1	0.5	0.5		3.5%	3.6%	
2378-TCDF	0.778	3.112	LT		0.4			1	0.4			2.8%		
OCDD	0.332	1.328	80.2		80.2	80.2		0	0	0	0	0%	0%	0%
OCDF	0.880	3.520	1.18	B	1.2	1.2		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	9.170	36.680	106		J	106	53	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.950	7.800	444		444	444	444	0.0001	0.0	0.0	0.0	0.3%	0.3%	0.4%
PCB 157	2.010	8.040	111		111	111	111	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	1.070	4.280	486		486	486	486	0.0001	0.0	0.0	0.0	0.3%	0.4%	0.5%
PCB 167	1.850	7.400	308		308	308	308	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	1.050	4.200	33.9		33.9	33.9	33.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	1.010	4.040	1320		1320	1320	1320	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	1.080	4.320	29.4		29.4	29.4	29.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.191	4.764	6.578		6.6	6.6	6.6	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	1.140	4.560	31.72		31.7	31.7	31.7	0.1	3.2	3.2	3.2	22.0%	23.0%	31.1%
PCB 77	2.688	10.752	48.08		48.1	48.1	48.1	0.05	2.4	2.4	2.4	16.7%	17.4%	23.6%
PCB 81	2.194	8.776	4.958	B	5	5		0.1	0.5	0.5		3.5%	3.6%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		8.2	7.6	4.5
All PCBs		6.2	6.2	5.7
All PCDDs/PCDFs/PCBs		14.4	13.8	10.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG29NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-site, Section 29 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.573	2.292	18.9	EMPC B	18.9	18.9	18.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	22.5	90	LT		11.3			0.01	0.1			0.4%		
1234789-HpCDF	22.5	90	LT		11.3			0.01	0.1			0.4%		
123478-HxCDD	0.4	1.6	8.64		8.6	8.6	8.6	0.05	0.4	0.4	0.4	1.4%	1.4%	1.5%
123478-HxCDF	0.693	2.772	6.72		6.7	6.7	6.7	0.1	0.7	0.7	0.7	2.2%	2.2%	2.3%
123678-HxCDD	0.328	1.312	15.1		15.1	15.1	15.1	0.01	0.2	0.2	0.2	0.5%	0.5%	0.5%
123678-HxCDF	0.752	3.008	13.6		13.6	13.6	13.6	0.1	1.4	1.4	1.4	4.4%	4.4%	4.7%
123789-HxCDD	0.334	1.336	3.72		3.7	3.7	3.7	0.1	0.4	0.4	0.4	1.2%	1.2%	1.3%
123789-HxCDF	0.855	3.42	1.2		1.2	1.2		0.1	0.1	0.1		0.4%	0.4%	
12378-PeCDD	0.272	1.088	9.51		9.5	9.5	9.5	1	9.5	9.5	9.5	30.5%	30.7%	33.2%
12378-PeCDF	0.827	3.308	1.33		1.3	1.3		0.1	0.1	0.1		0.4%	0.4%	
234678-HxCDF	0.75	3	2.36		2.4	2.4		0.1	0.2	0.2		0.8%	0.8%	
23478-PeCDF	0.818	3.272	6.47		6.5	6.5	6.5	1	6.5	6.5	6.5	20.7%	20.9%	22.6%
2378-TCDD	0.232	0.928	1.52		1.5	1.5	1.5	1	1.5	1.5	1.5	4.9%	4.9%	5.3%
2378-TCDF	0.289	1.156	1.01		1	1		1	1.0	1.0		3.2%	3.3%	
OCDD	0.424	1.696	14.4		14.4	14.4	7.2	0	0	0	0	0%	0%	0%
OCDF	1.1	4.4	LT		0.6			0.0001	0.0			0.0%		
PCB 189	13	52	71.8	J	71.8	71.8	35.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	2.32	9.28	627		627	627	627	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 157	2.38	9.52	173		173	173	173	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.305	1.22	1260		1260	1260	1260	0.0001	0.1	0.1	0.1	0.4%	0.4%	0.4%
PCB 167	2.2	8.8	339		339	339	339	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.297	1.188	88.3		88.3	88.3	88.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.287	1.148	3130		3130	3130	3130	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.307	1.228	62.7		62.7	62.7	62.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.693	6.772	3.737		3.7	3.7		0.001	0.0	0.0		0.0%	0.0%	
PCB 126	0.9189	3.6756	39.26		39.3	39.3	39.3	0.1	3.9	3.9	3.9	12.6%	12.7%	13.7%
PCB 77	3.689	14.756	79.28		79.3	79.3	79.3	0.05	4.0	4.0	4.0	12.7%	12.8%	13.8%
PCB 81	3.336	13.344	8.381		8.4	8.4		0.1	0.8	0.8		2.7%	2.7%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		22.2	22.0	20.5
All PCBs		9.0	9.0	8.1
All PCDDs/PCDFs/PCBs		31.2	31.0	28.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG35SE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 35 SE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.688	2.752	9.72		9.7	9.7	9.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	0.681	2.724	29		29	29	29	0.01	0.3	0.3	0.3	2.5%	2.7%	3.4%
1234789-HpCDF	1.29	5.16	LT		0.6			0.01	0.0			0.1%		
123478-HxCDD	0.552	2.208	1.42		1.4	1.4		0.05	0.1	0.1		0.6%	0.7%	
123478-HxCDF	0.614	2.456	2.35		2.4	2.4		0.1	0.2	0.2		2.0%	2.2%	
123678-HxCDD	0.478	1.912	2.58		2.6	2.6	2.6	0.01	0.0	0.0		0.2%	0.2%	0.3%
123678-HxCDF	0.581	2.324	9.75		9.8	9.8	9.8	0.1	1.0	1.0	1.0	8.4%	8.9%	11.5%
123789-HxCDD	0.891	3.564	LT	EMPC	0.4			0.1	0.0			0.4%		
123789-HxCDF	0.75	3	1.26		B	1.3	1.3	0.1	0.1	0.1		1.1%	1.2%	
12378-PeCDD	0.437	1.748	2.07		2.1	2.1	2.1	1	2.1	2.1	2.1	17.9%	18.9%	24.3%
12378-PeCDF	0.549	2.196	0.964		1	1		0.1	0.1	0.1		0.8%	0.9%	
234678-HxCDF	0.666	2.664	0.859	B	0.9	0.9		0.1	0.1	0.1		0.7%	0.8%	
23478-PeCDF	1.2	4.8	LT		EMPC	0.6		1	0.6			5.2%		
2378-TCDD	0.353	1.412	0.648		0.6	0.6		1	0.6	0.6		5.6%	5.9%	
2378-TCDF	0.377	1.508	0.766	B	0.8	0.8		1	0.8	0.8		6.6%	7.0%	
OCDD	0.356	1.424	21.9		21.9	21.9	21.9	0	0	0	0	0%	0%	0%
OCDF	0.978	3.912	LT		0.5			0.0001	0.0			0.0%		
PCB 189	17.4	69.6	LT	EMPC, J	8.7			0.00001	0.0			0.0%		
PCB 156	4.43	17.72	612		612	612	612	0.0001	0.1	0.1	0.1	0.5%	0.6%	0.7%
PCB 157	4.55	18.2	170		170	170	170	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 105	0.365	1.46	741		741	741	741	0.0001	0.1	0.1	0.1	0.6%	0.7%	0.9%
PCB 167	4.2	16.8	333		333	333	333	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.356	1.424	43.7		43.7	43.7	43.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.333	1.332	1750		1750	1750	1750	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 123	0.356	1.424	32.4		32.4	32.4	32.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.028	4.112	7.74		7.7	7.7	7.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.7311	2.9244	30.81		30.8	30.8	30.8	0.1	3.1	3.1	3.1	26.6%	28.2%	36.2%
PCB 77	1.467	5.868	37.36		37.4	37.4	37.4	0.05	1.9	1.9	1.9	16.1%	17.1%	22.0%
PCB 81	1.371	5.484	4.051	B	4.1	4.1		0.1	0.4	0.4		3.5%	3.7%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		6.1	5.4	3.4
All PCBs		5.5	5.5	5.1
All PCDDs/PCDFs/PCBs		11.6	10.9	8.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG01RC

SAMPLE TYPE: American kestrel egg

LOCATION: off-post, Riverside Cemetery

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.053	0.213	21.35		21.4	21.4	21.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.228	4.912	3.004		3	3		0.01	0.0	0.0		0.0%	0.0%	
1234789-HpCDF	1.676	6.704	LT		0.8			0.01	0.0			0.0%		
123478-HxCDD	0.643	2.574	17.98		18	18	18	0.05	0.9	0.9	0.9	0.2%	0.2%	0.2%
123478-HxCDF	0.168	0.672	8.472		8.5	8.5	8.5	0.1	0.8	0.8	0.8	0.2%	0.2%	0.2%
123678-HxCDD	0.552	2.208	23.12		23.1	23.1	23.1	0.01	0.2	0.2	0.2	0.1%	0.1%	0.1%
123678-HxCDF	0.145	0.582	7.459		7.5	7.5	7.5	0.1	0.7	0.7	0.7	0.2%	0.2%	0.2%
123789-HxCDD	0.544	2.174	6.217		6.2	6.2	6.2	0.1	0.6	0.6	0.6	0.2%	0.2%	0.2%
123789-HxCDF	0.181	0.724	1.223		1.2	1.2	1.2	0.1	0.1	0.1	0.1	0.0%	0.0%	0.0%
12378-PeCDD	0.453	1.810	24.02		24	24	24	1	24.0	24.0	24.0	5.9%	5.9%	6.0%
12378-PeCDF	0.159	0.636	1.324		1.3	1.3	1.3	0.1	0.1	0.1	0.1	0.0%	0.0%	0.0%
234678-HxCDF	11.07	44.28	LT	D	5.5			0.1	0.6			0.1%		
23478-PeCDF	0.127	0.509	16.71		16.7	16.7	16.7	1	16.7	16.7	16.7	4.1%	4.1%	4.1%
2378-TCDD	0.434	1.735	4.144		4.1	4.1	4.1	1	4.1	4.1	4.1	1.0%	1.0%	1.0%
2378-TCDF	0.202	0.806	2.736	U	2.7	2.7	1.4	1	2.7	2.7	1.4	0.7%	0.7%	0.3%
OCDD	0.297	1.186	14.3		14.3	14.3	14.3	0	0	0	0	0%	0%	0%
OCDF	0.555	2.219	5.877		5.9	5.9	5.9	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	19.3	77.2	8770	C	8770	8770	8770	0.00001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 156	3.06	12.24	41400	S	41400	41400	41400	0.0001	4.1	4.1	4.1	1.0%	1.0%	1.0%
PCB 157	3.14	12.56	5980	C	5980	5980	5980	0.0001	0.6	0.6	0.6	0.1%	0.1%	0.1%
PCB 105	2.89	11.56	24700	C	24700	24700	24700	0.0001	2.5	2.5	2.5	0.6%	0.6%	0.6%
PCB 167	2.9	11.6	24600	C	24600	24600	24600	0.00001	0.2	0.2	0.2	0.1%	0.1%	0.1%
PCB 114	2.81	11.24	1250	EMPC, S	1250	1250	1250	0.0001	0.1	0.1	0.1	0.0%	0.0%	0.0%
PCB 118	62600	250400	LT		31300			0.00001	0.3			0.1%		
PCB 123	2.92	11.68	1100		1100	1100	1100	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	2.691	10.764	450.6		450.6	450.6	450.6	0.001	0.5	0.5	0.5	0.1%	0.1%	0.1%
PCB 126	1.883	7.532	2990		2990	2990	2990	0.1	299.0	299.0	299.0	73.7%	73.9%	74.1%
PCB 77	10.54	42.16	640.6		640.6	640.6	640.6	0.05	32.0	32.0	32.0	7.9%	7.9%	7.9%
PCB 81	10.14	40.56	143.4		143.4	143.4	143.4	0.1	14.3	14.3	14.3	3.5%	3.5%	3.6%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		51.7	51.2	49.8
All PCBs		353.8	353.5	353.5
All PCDDs/PCDFs/PCBs		405.5	404.7	403.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG042

SAMPLE TYPE: American kestrel egg

LOCATION: QC, spiked with PCB 126, 119 pg/g

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.444	5.776	LT	EMPC	0.7			0.001	0.0			0.0%	0.0%	0.0%
1234678-HpCDF	0.308	1.234	LT		0.2			0.01	0.0			0.0%	0.0%	0.0%
1234789-HpCDF	0.429	1.716	LT		0.2			0.01	0.0			0.0%	0.0%	0.0%
123478-HxCDD	0.225	0.901	0.557	B	0.6	0.6		0.05	0.0	0.0		0.2%	0.2%	0.0%
123478-HxCDF	0.139	0.556	LT		0.1			0.1	0.0			0.0%	0.0%	0.0%
123678-HxCDD	0.193	0.772	LT		0.1			0.01	0.0			0.0%	0.0%	0.0%
123678-HxCDF	0.114	0.457	0.37	B	0.4	0.4		0.1	0.0	0.0		0.3%	0.3%	0.0%
123789-HxCDD	0.190	0.759	LT		0.1			0.1	0.0			0.1%	0.0%	0.0%
123789-HxCDF	0.144	0.575	1.837		1.8	1.8	1.8	0.1	0.2	0.2	0.2	1.3%	1.4%	1.6%
12378-PeCDD	0.464	1.857	1.052	B	1.1	1.1		1	1.1	1.1		7.6%	8.1%	0.0%
12378-PeCDF	0.308	1.232	LT		0.2			0.1	0.0			0.1%	0.0%	0.0%
234678-HxCDF	0.135	0.541	0.609	B	0.6	0.6	0.3	0.1	0.1	0.1	0.0	0.4%	0.5%	0.3%
23478-PeCDF	0.256	1.023	LT		0.1			1	0.1			0.9%	0.0%	0.0%
2378-TCDD	0.709	2.835	LT		0.4			1	0.4			2.5%	0.0%	0.0%
2378-TCDF	0.348	1.392	LT		0.2			1	0.2			1.3%	0.0%	0.0%
OCDD	0.506	2.024	10		10	10		0	0	0	0	0%	0%	0%
OCDF	0.474	1.898	LT		0.2			0.0001	0.0			0.0%	0.0%	0.0%
PCB 189	3.9	15.6	LT		2			0.00001	0.0			0.0%	0.0%	0.0%
PCB 156	2.91	11.64	19.2	B	19.2	19.2	9.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	2.99	11.96	LT		1.5			0.0001	0.0			0.0%	0.0%	0.0%
PCB 105	1.74	6.96	49	B	49	49	24.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	7.51	30.04	LT	EMPC	3.8			0.00001	0.0			0.0%	0.0%	0.0%
PCB 114	2.6	10.4	LT		1.3			0.0001	0.0			0.0%	0.0%	0.0%
PCB 118	1.59	6.36	129	B	129	129	64.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	4.16	16.64	LT	EMPC	2.1			0.00001	0.0			0.0%	0.0%	0.0%
PCB 169	1.486	5.944	LT		0.7			0.001	0.0			0.0%	0.0%	0.0%
PCB 126	3.327	13.308	111		111	111	111	0.1	11.1	11.1	11.1	79.8%	85.1%	98.1%
PCB 77	3.734	14.936	11.39	B	11.4	11.4		0.05	0.6	0.6		4.1%	4.4%	0.0%
PCB 81	3.561	14.244	LT		1.8			0.1	0.2			1.3%	0.0%	0.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.2	1.4	0.2
All PCBs		11.9	11.7	11.1
All PCDDs/PCDFs/PCBs		14.1	13.1	11.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG03AR

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, Aurora Reservoir

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	3.25	13	LT	EMPC	1.6			0.001	0.0			0.0%		
1234678-HpCDF	0.642	2.568	LT	EMPC	0.3			0.01	0.0			0.0%		
1234789-HpCDF	0.813	3.252	LT		0.4			0.01	0.0			0.0%		
123478-HxCDD	0.074	0.295	0.769		0.8	0.8	0.8	0.05	0.0	0.0	0.0	0.5%	0.5%	0.6%
123478-HxCDF	0.144	0.576	0.283		0.3	0.3		0.1	0.0	0.0		0.3%	0.3%	
123678-HxCDD	0.064	0.256	0.943		0.9	0.9	0.9	0.01	0.0	0.0	0.0	0.1%	0.1%	0.2%
123678-HxCDF	0.119	0.474	0.44	B	0.4	0.4		0.1	0.0	0.0		0.5%	0.5%	
123789-HxCDD	0.063	0.251	0.401		0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.5%	0.5%	0.6%
123789-HxCDF	0.142	0.567	0.663	B	0.7	0.7	0.3	0.1	0.1	0.1	0.0	0.8%	0.8%	0.5%
12378-PeCDD	0.191	0.762	1.298	B	1.3	1.3	0.6	1	1.3	1.3	0.6	15.3%	15.5%	10.5%
12378-PeCDF	0.161	0.643	0.452		0.5	0.5		0.1	0.0	0.0		0.5%	0.5%	
234678-HxCDF	2.254	9.016	LT	D	1.1			0.1	0.1			1.3%		
23478-PeCDF	0.123	0.494	0.766		0.8	0.8	0.8	1	0.8	0.8	0.8	9.0%	9.2%	12.4%
2378-TCDD	0.227	0.909	0.463		0.5	0.5		1	0.5	0.5	0.5	5.5%	5.5%	
2378-TCDF	0.133	0.533	0.924	U	0.9	0.9	0.5	1	0.9	0.9	0.5	10.9%	11.1%	7.5%
OCDD	0.117	0.468	13.22		13.2	13.2	13.2	0	0	0	0	0%	0%	0%
OCDF	0.139	0.554	0.659	B	0.7	0.7	0.3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	1.94	7.76	87.3		87.3	87.3	87.3	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.64	6.56	340		340	340	340	0.0001	0.0	0.0	0.0	0.4%	0.4%	0.6%
PCB 157	1.68	6.72	64.2		64.2	64.2	64.2	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.343	1.372	379		379	379	379	0.0001	0.0	0.0	0.0	0.4%	0.5%	0.6%
PCB 167	1.55	6.2	239		239	239	239	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.334	1.336	27.4		27.4	27.4	27.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.303	1.212	992		992	992	992	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 123	0.324	1.296	LT		0.2			0.00001	0.0			0.0%		
PCB 169	0.31	1.24	6.854		6.9	6.9	6.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.455	1.820	21.94		21.9	21.9	21.9	0.1	2.2	2.2	2.2	25.9%	26.3%	35.5%
PCB 77	1.393	5.572	37.58		37.6	37.6	37.6	0.05	1.9	1.9	1.9	22.2%	22.5%	30.4%
PCB 81	1.357	5.428	4.602		4.6	4.6		0.1	0.5	0.5	0.5	5.4%	5.5%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		3.9	3.8	2
All PCBs		4.6	4.6	4.2
All PCDDs/PCDFs/PCBs		8.5	8.4	6.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG01YP

SAMPLE TYPE: American kestrel egg

LOCATION: Off-post, York Salvage Ponds

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.022	0.089	6.293		6.3	6.3	6.3	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.772	3.088	LT	EMPC	0.4			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	0.932	3.728	LT		0.5			0.01	0.0			0.0%	0.0%	
123478-HxCDD	0.104	0.415	1.779		1.8	1.8	1.8	0.05	0.1	0.1	0.1	0.5%	0.5%	0.5%
123478-HxCDF	0.083	0.331	2.245		2.2	2.2	2.2	0.1	0.2	0.2	0.2	1.1%	1.3%	1.3%
123678-HxCDD	0.090	0.359	4.076		4.1	4.1	4.1	0.01	0.0	0.0	0.0	0.2%	0.2%	0.2%
123678-HxCDF	0.071	0.283	1.469		1.5	1.5	1.5	0.1	0.1	0.1	0.1	0.7%	0.8%	0.9%
123789-HxCDD	0.088	0.351	0.704		0.7	0.7	0.7	0.1	0.1	0.1	0.1	0.4%	0.4%	0.4%
123789-HxCDF	0.086	0.343	0.996	B	1	1	0.5	0.1	0.1	0.1	0.1	0.5%	0.6%	0.3%
12378-PeCDD	2.721	10.884	LT	EMPC	1.4			1	1.4			6.9%		
12378-PeCDF	0.136	0.544	0.982	D	1	1	1	0.1	0.1	0.1	0.1	0.5%	0.6%	0.6%
234678-HxCDF	2.893	11.572	LT		1.4			0.1	0.1			0.7%		
23478-PeCDF	0.106	0.424	2.144		2.1	2.1	2.1	1	2.1	2.1	2.1	10.9%	12.1%	12.6%
2378-TCDD	0.696	2.784	LT	EMPC	0.3			1	0.3			1.8%		
2378-TCDF	0.208	0.833	0.685	U	0.7	0.7		1	0.7	0.7	0.7	3.5%	3.9%	
OCDD	0.202	0.808	12.53		12.5	12.5	12.5	0	0	0	0	0%	0%	0%
OCDF	0.788	3.152	LT	EMPC	0.4			0.0001	0.0			0.0%		
PCB 189	1.31	5.24	226		226	226	226	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.89	7.56	1330		1330	1330	1330	0.0001	0.1	0.1	0.1	0.7%	0.7%	0.8%
PCB 157	1.94	7.76	227		227	227	227	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.21	0.84	1060		1060	1060	1060	0.0001	0.1	0.1	0.1	0.5%	0.6%	0.6%
PCB 167	1.79	7.16	826		826	826	826	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.205	0.82	89.3		89.3	89.3	89.3	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 118	0.188	0.752	3610	C	3610	3610	3610	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 123			64.5		64.5	64.5	64.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.459	1.838	10.9		10.9	10.9	10.9	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.411	1.643	83.59		83.6	83.6	83.6	0.1	8.4	8.4	8.4	42.5%	47.0%	49.0%
PCB 77	1.873	7.492	89.94		89.9	89.9	89.9	0.05	4.5	4.5	4.5	22.9%	25.3%	26.4%
PCB 81	1.837	7.348	9.943		9.9	9.9	9.9	0.1	1.0	1.0	1.0	5.1%	5.6%	5.8%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		5.4	3.6	2.8
All PCBs		14.2	14.2	14.2
All PCDDs/PCDFs/PCBs		19.6	17.8	17

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG32NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 32 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.02803	0.1121	6.713		6.7	6.7	6.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
1234678-HpCDF	0.985	3.94	LT	EMPC	0.5			0.01	0.0			0.1%		
1234789-HpCDF	0.5018	2.0072	LT		0.3			0.01	0.0			0.0%		
123478-HxCDD	0.03345	0.1338	1.359		1.4	1.4	1.4	0.05	0.1	0.1	0.1	1.2%	1.4%	1.6%
123478-HxCDF	0.04074	0.163	0.365		0.4	0.4	0.4	0.1	0.0	0.0	0.0	0.6%	0.8%	0.9%
123678-HxCDD	0.02873	0.1149	1.938		1.9	1.9	1.9	0.01	0.0	0.0	0.0	0.3%	0.4%	0.5%
123678-HxCDF	0.613	2.452	LT	EMPC	0.3			0.1	0.0			0.5%		
123789-HxCDD	0.02824	0.113	0.802	B	0.8	0.8	0.8	0.1	0.1	0.1	0.1	1.4%	1.7%	1.9%
123789-HxCDF	0.04054	0.1622	0.703	EMPC	0.7	0.7	0.4	0.1	0.1	0.1	0.0	1.2%	1.5%	0.8%
12378-PeCDD	1.706	6.824	LT		0.9			1	0.9			14.5%		
12378-PeCDF	0.137	0.548	LT		0.1			0.1	0.0			0.1%		
234678-HxCDF	1.259	5.036	LT	D	0.6			0.1	0.1			1.1%		
23478-PeCDF	0.04871	0.1948	0.44		0.4	0.4	0.4	1	0.4	0.4	0.4	7.5%	9.2%	10.4%
2378-TCDD	0.2799	1.1196	LT		0.1			1	0.1			2.4%		
2378-TCDF	0.1253	0.5012	0.262	U	0.3	0.3		1	0.3	0.3	0.3	4.4%	5.5%	
OCDD	0.221	0.884	23.89		23.9	23.9	23.9	0	0	0	0	0%	0%	0%
OCDF	0.1905	0.762	1.388		1.4	1.388	1.388	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	2.71	10.84	62.4		62.4	62.4	62.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	0.833	3.332	331		331	331	331	0.0001	0.0	0.0	0.0	0.6%	0.7%	0.8%
PCB 157	0.856	3.424	53		53	53	53	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.329	1.316	273		273	273	273	0.0001	0.0	0.0	0.0	0.5%	0.6%	0.6%
PCB 167	0.789	3.156	170		170	170	170	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.321	1.284	16.7		16.7	16.7	16.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.297	1.188	838		838	838	838	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 123	0.318	1.272	9.45		9.5	9.5	9.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.4953	1.9812	3.099		3.1	3.1	3.1	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.9557	3.8228	22.6		22.6	22.6	22.6	0.1	2.3	2.3	2.3	38.3%	47.1%	53.2%
PCB 77	1.79	7.16	24.35		24.4	24.4	24.4	0.05	1.2	1.2	1.2	20.7%	25.4%	28.7%
PCB 81	1.694	6.776	2.521	B	2.5	2.5		0.1	0.3	0.3	0.3	4.3%	5.3%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		2.1	1	0.7
All PCBs		3.8	3.8	3.6
All PCDDs/PCDFs/PCBs		5.9	4.8	4.3

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG046

SAMPLE TYPE: American kestrel egg

LOCATION: QC, spiked with PCB 126, 1176 pg/g

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.027	0.108	2.379		2.4	2.4	2.4	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.67	6.68	LT		0.8			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	2.247	8.988	LT		1.1			0.01	0.0			0.0%	0.0%	
123478-HxCDD	0.656	2.624	LT	EMPC	0.3			0.05	0.0			0.0%	0.0%	
123478-HxCDF	0.126	0.504	LT		0.1			0.1	0.0			0.0%	0.0%	
123678-HxCDD	0.167	0.666	LT	EMPC	0.1			0.01	0.0			0.0%	0.0%	
123678-HxCDF	0.415	1.66	LT		0.2			0.1	0.0			0.0%	0.0%	
123789-HxCDD	0.163	0.653	LT	EMPC	0.1			0.1	0.0			0.0%	0.0%	
123789-HxCDF	0.039	0.155	1.6		1.6	1.6	1.6	0.1	0.2	0.2	0.2	0.1%	0.1%	0.1%
12378-PeCDD	1.164	4.656	LT	EMPC	0.6			1	0.6			0.5%		
12378-PeCDF	0.104	0.415	LT		0.1			0.1	0.0			0.0%	0.0%	
234678-HxCDF	0.036	0.145	0.702	B	0.7	0.7	0.4	0.1	0.1	0.1	0.0	0.1%	0.1%	0.0%
23478-PeCDF	0.077	0.31	LT		0			1	0.0			0.0%		
2378-TCDD	0.766	3.065	LT		0.4			1	0.4			0.3%		
2378-TCDF	0.464	1.856	LT		0.2			1	0.2			0.2%		
OCDD	0.609	2.436	22.83		22.8	22.8	22.8	0	0	0	0	0%	0%	0%
OCDF	0.434	1.736	1.549		1.5	1.5		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	2.54	10.16	LT		1.3			0.00001	0.0			0.0%		
PCB 156	1.21	4.84	12.3	B	12.3	12.3	6.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	1.24	4.96	4.29		4.3	4.3		0.0001	0.0	0.0		0.0%	0.0%	
PCB 105	1.52	6.08	39.4	B	39.4	39.4	19.7	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	5.17	20.68	LT		2.6			0.00001	0.0			0.0%		
PCB 114	1.48	5.92	LT	EMPC	0.7			0.0001	0.0			0.0%		
PCB 118	1.42	5.68	104		104	104	52	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	1.94	7.76	LT	EMPC	1			0.00001	0.0			0.0%		
PCB 169	1.034	4.136	2.947		2.9	2.9		0.001	0.0	0.0		0.0%	0.0%	
PCB 126	3.982	15.928	1150		1150	1150	1150	0.1	115.0	115.0	115.0	97.9%	99.2%	99.8%
PCB 77	4.659	18.636	13.99		14	14		0.05	0.7	0.7		0.6%	0.6%	
PCB 81	4.873	19.492	LT		2.4			0.1	0.2			0.2%		

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.5	0.2	0.2
All PCBs		116	115.7	115
All PCDDs/PCDFs/PCBs		117.5	115.9	115.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG01ACP

SAMPLE TYPE: American kestrel egg

LOCATION: off-post, Adams County Fairgrounds

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.023	0.093	5.49		5.5	5.5	5.5	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.049	4.196	LT		0.5			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	1.394	5.576	LT		0.7			0.01	0.0			0.0%	0.0%	
123478-HxCDD	0.138	0.551	4.626		4.6	4.6	4.6	0.05	0.2	0.2	0.2	0.9%	1.0%	1.0%
123478-HxCDF	0.045	0.182	1.691		1.7	1.7	1.7	0.1	0.2	0.2	0.2	0.7%	0.7%	0.7%
123678-HxCDD	0.121	0.483	11.1		11.1	11.1	11.1	0.01	0.1	0.1	0.1	0.5%	0.5%	0.5%
123678-HxCDF	0.038	0.15	2.555		2.6	2.6	2.6	0.1	0.3	0.3	0.3	1.0%	1.1%	1.1%
123789-HxCDD	0.118	0.471	1.588	B	1.6	1.6	1.6	0.1	0.2	0.2	0.2	0.6%	0.7%	0.7%
123789-HxCDF	0.045	0.178	0.897		0.9	0.9	0.4	0.1	0.1	0.1	0.0	0.4%	0.4%	0.2%
12378-PeCDD	0.121	0.484	7.705		7.7	7.7	7.7	1	7.7	7.7	7.7	31.5%	31.7%	34.2%
12378-PeCDF	0.688	2.752	LT	EMPC	0.3			0.1	0.0			0.1%		
234678-HxCDF	2.180	8.720	LT	D	1.1			0.1	0.1			0.4%		
23478-PeCDF	0.066	0.26	3.422		3.4	3.4	3.4	1	3.4	3.4	3.4	14.0%	14.1%	15.2%
2378-TCDD	0.379	1.518	1.219		1.2	1.2		1	1.2	1.2	1.2	5.0%	5.0%	
2378-TCDF	0.115	0.459	1.013	U	1	1	0.5	1	1.0	1.0	0.5	4.1%	4.2%	2.2%
OCDD	0.182	0.728	5.329	B	5.3	5.3	2.7	0	0	0	0	0%	0%	0%
OCDF	0.362	1.447	1.005	B	1	1		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	2.14	8.56	133		133	133	133	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.56	6.24	744		744	744	744	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 157	1.6	6.4	131		131	131	131	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.456	1.824	682		682	682	682	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 167	1.48	5.92	404		404	404	404	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.444	1.776	54.4		54.4	54.4	54.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.415	1.66	2120		2120	2120	2120	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.443	1.772	45.4		45.4	45.4	45.4	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.653	2.612	7.494		7.5	7.5	7.5	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.814	3.255	46.95		47	47	47	0.1	4.7	4.7	4.7	19.2%	19.3%	20.8%
PCB 77	2.076	8.304	83.18		83.2	83.2	83.2	0.05	4.2	4.2	4.2	17.0%	17.1%	18.4%
PCB 81	1.961	7.844	8.985		9	9	9	0.1	0.9	0.9	0.9	3.7%	3.7%	4.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		14.5	14.3	12.6
All PCBs		10.0	10.0	10.0
All PCDDs/PCDFs/PCBs		24.5	24.3	22.6

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG03NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 3 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.095	0.381	6.348		6.3	6.3	6.3	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.1	4.4	LT		0.6			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	1.507	6.028	LT		0.8			0.01	0.0			0.0%	0.0%	
123478-HxCDD	0.127	0.508	3.418		3.4	3.4	3.4	0.05	0.2	0.2	0.2	0.4%	0.4%	0.4%
123478-HxCDF	0.108	0.432	1.928		1.9	1.9	1.9	0.1	0.2	0.2	0.2	0.5%	0.5%	0.5%
123678-HxCDD	0.107	0.429	5.55		5.6	5.6	5.6	0.01	0.1	0.1	0.1	0.1%	0.1%	0.1%
123678-HxCDF	0.093	0.37	1.609		1.6	1.6	1.6	0.1	0.2	0.2	0.2	0.4%	0.4%	0.4%
123789-HxCDD	0.106	0.425	0.95		1	1	1	0.1	0.1	0.1	0.1	0.2%	0.2%	0.2%
123789-HxCDF	0.111	0.442	0.899	B	0.9	0.9	0.5	0.1	0.1	0.1	0.0	0.2%	0.2%	0.1%
12378-PeCDD	0.247	0.987	6.899		6.9	6.9	6.9	1	6.9	6.9	6.9	16.5%	16.7%	17.0%
12378-PeCDF	0.475	1.900	LT	EMPC	0.2			0.1	0.0			0.1%		
234678-HxCDF	2.423	9.692	LT	D	1.2			0.1	0.1			0.3%		
23478-PeCDF	0.086	0.35	4.305		4.3	4.3	4.3	1	4.3	4.3	4.3	10.3%	10.5%	10.6%
2378-TCDD	1.089	4.356	LT	EMPC	0.5			1	0.5			1.3%		
2378-TCDF	0.131	0.524	0.947	U	0.9	0.9	0.5	1	0.9	0.9	0.5	2.3%	2.3%	1.2%
OCDD	0.123	0.491	9.209	B	9.2	9.2	4.6	0	0	0	0	0%	0%	0%
OCDF	0.273	1.092	1.493		1.5	1.5	1.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	10.7	42.8	748		748	748	748	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	2.79	11.16	3060		3060	3060	3060	0.0001	0.3	0.3	0.3	0.7%	0.7%	0.8%
PCB 157	2.86	11.44	502		502	502	502	0.0001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 105	0.435	1.74	1750		1750	1750	1750	0.0001	0.2	0.2	0.2	0.4%	0.4%	0.4%
PCB 167	2.64	10.56	1670		1670	1670	1670	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.423	1.692	147		147	147	147	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.4	1.6	5670	C	5670	5670	5670	0.00001	0.1	0.1	0.1	0.1%	0.1%	0.1%
PCB 123	0.428	1.712	112		112	112	112	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.653	2.613	24.69		24.7	24.7	24.7	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 126	0.985	3.942	161.6		161.6	161.6	161.6	0.1	16.2	16.2	16.2	38.6%	39.2%	39.7%
PCB 77	1.758	7.032	195.3		195.3	195.3	195.3	0.05	9.8	9.8	9.8	23.3%	23.7%	24.0%
PCB 81	1.654	6.616	16.88		16.9	16.9	16.9	0.1	1.7	1.7	1.7	4.0%	4.1%	4.2%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		13.6	12.9	12.4
All PCBs		28.3	28.3	28.3
All PCDDs/PCDFs/PCBs		41.9	41.2	40.7

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG35NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 35 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.021	0.085	57.11		57.1	57.1	57.1	0.001	0.1	0.1	0.1	0.3%	0.3%	0.3%
1234678-HpCDF	0.717	2.866	15.96		16	16	16	0.01	0.2	0.2	0.2	0.7%	0.8%	0.8%
1234789-HpCDF	0.996	3.982	1.203		1.2	1.2		0.01	0.0	0.0	0.0	0.1%	0.1%	0.0%
123478-HxCDD	0.078	0.312	7.306		7.3	7.3	7.3	0.05	0.4	0.4	0.4	1.6%	1.8%	1.9%
123478-HxCDF	0.209	0.834	2.771		2.8	2.8	2.8	0.1	0.3	0.3	0.3	1.2%	1.4%	1.4%
123678-HxCDD	0.067	0.267	12.56		12.6	12.6	12.6	0.01	0.1	0.1	0.1	0.6%	0.6%	0.6%
123678-HxCDF	0.175	0.70	4.176		4.2	4.2	4.2	0.1	0.4	0.4	0.4	1.9%	2.1%	2.1%
123789-HxCDD	0.066	0.263	6.358		6.4	6.4	6.4	0.1	0.6	0.6	0.6	2.8%	3.1%	3.3%
123789-HxCDF	0.920	3.680	LT	EMPC	0.5			0.1	0.0			0.2%	0.0%	0.0%
12378-PeCDD	0.153	0.610	8.902		8.9	8.9	8.9	1	8.9	8.9	8.9	39.6%	43.7%	45.7%
12378-PeCDF	0.614	2.456	LT	EMPC	0.3			0.1	0.0			0.1%	0.0%	0.0%
234678-HxCDF	21.4	85.6	LT		10.7			0.1	1.1			4.8%	0.0%	0.0%
23478-PeCDF	0.090	0.36	1.774		1.8	1.8	1.8	1	1.8	1.8	1.8	7.9%	8.7%	9.1%
2378-TCDD	1.951	7.804	LT	EMPC	1			1	1.0			4.3%	0.0%	0.0%
2378-TCDF	0.173	0.691	0.707		U	0.7	0.7	0.4	1	0.7	0.7	0.4	3.1%	3.5%
OCDD	0.179	0.716	103.7		103.7	103.7	103.7	0	0	0	0	0%	0%	0%
OCDF	0.201	0.805	8.584		8.6	8.6	8.6	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	1.25	5	124		124	124	124	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.53	6.12	923		923	923	923	0.0001	0.1	0.1	0.1	0.4%	0.5%	0.5%
PCB 157	1.58	6.32	158		158	158	158	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.391	1.564	1130		1130	1130	1130	0.0001	0.1	0.1	0.1	0.5%	0.6%	0.6%
PCB 167	1.45	5.8	562		562	562	562	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.381	1.524	99		99	99	99	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 118	0.357	1.428	3860	C	3860	3860	3860	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 123	0.382	1.528	85.9		85.9	85.9	85.9	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.410	1.640	8.243		8.2	8.2	8.2	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.735	2.940	36.75		36.8	36.8	36.8	0.1	3.7	3.7	3.7	16.3%	18.1%	18.9%
PCB 77	1.605	6.42	49.2		49.2	49.2	49.2	0.05	2.5	2.5	2.5	10.9%	12.1%	12.6%
PCB 81	1.501	6.004	5.021		5	5		0.1	0.5	0.5	0.5	2.2%	2.5%	0.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		15.6	13.5	13.1
All PCBs		6.9	6.9	6.4
All PCDDs/PCDFs/PCBs		22.5	20.4	19.5

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG25NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 25 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.023	0.093	155		155	155	155	0.001	0.2	0.2	0.2	0.6%	0.7%	0.7%
1234678-HpCDF	0.588	2.3524	23.37		23.4	23.4	23.4	0.01	0.2	0.2	0.2	0.9%	1.0%	1.1%
1234789-HpCDF	0.825	3.301	3.05		3.1	3.1		0.01	0.0	0.0		0.1%	0.1%	
123478-HxCDD	0.057	0.228	16.23		16.2	16.2	16.2	0.05	0.8	0.8	0.8	3.0%	3.6%	3.7%
123478-HxCDF	0.294	1.177	3.708		3.7	3.7	3.7	0.1	0.4	0.4	0.4	1.4%	1.7%	1.7%
123678-HxCDD	0.049	0.198	22.93		22.9	22.9	22.9	0.01	0.2	0.2	0.2	0.8%	1.0%	1.1%
123678-HxCDF	0.255	1.02	4.606		4.6	4.6	4.6	0.1	0.5	0.5	0.5	1.7%	2.1%	2.1%
123789-HxCDD	0.048	0.193	13.58		13.6	13.6	13.6	0.1	1.4	1.4	1.4	5.0%	6.1%	6.3%
123789-HxCDF	0.911	3.644	LT	EMPC	0.5			0.1	0.0			0.2%		
12378-PeCDD	0.199	0.796	10.62		10.6	10.6	10.6	1	10.6	10.6	10.6	39.1%	47.4%	48.9%
12378-PeCDF	0.725	2.900	LT	EMPC	0.4			0.1	0.0			0.1%		
234678-HxCDF	93.16	372.64	LT		46.6			0.1	4.7			17.2%		
23478-PeCDF	0.135	0.54	1.422		1.4	1.4	1.4	1	1.4	1.4	1.4	5.2%	6.3%	6.5%
2378-TCDD	0.306	1.224	1.626		1.6	1.6	1.6	1	1.6	1.6	1.6	6.0%	7.3%	7.5%
2378-TCDF	0.175	0.7	0.701	U	0.7	0.7	0.4	1	0.7	0.7	0.4	2.6%	3.1%	1.6%
OCDD	0.155	0.619	405.3		405.3	405.3	405.3	0	0	0	0	0%	0%	0%
OCDF	0.404	1.614	26.54		26.5	26.5	26.5	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	1.69	6.76	77.5		77.5	77.5	77.5	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.73	6.92	523		523	523	523	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 157	1.78	7.12	115		115	115	115	0.0001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 105	0.896	3.584	445		445	445	445	0.0001	0.0	0.0	0.0	0.2%	0.2%	0.2%
PCB 167	1.64	6.56	314		314	314	314	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.873	3.492	31.2		31.2	31.2	31.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.82	3.28	1200		1200	1200	1200	0.00001	0.0	0.0	0.0	0.0%	0.1%	0.1%
PCB 123	0.877	3.508	36		36	36	36	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.391	1.565	5.696		5.7	5.7	5.7	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.033	4.132	24.96		25	25	25	0.1	2.5	2.5	2.5	9.2%	11.1%	11.5%
PCB 77	1.415	5.66	28.97		29	29	29	0.05	1.4	1.4	1.4	5.3%	6.5%	6.7%
PCB 81	1.409	5.636	3.147		3.1	3.1		0.1	0.3	0.3	0.3	1.2%	1.4%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		22.8	18	17.6
All PCBs		4.4	4.4	4.1
All PCDDs/PCDFs/PCBs		27.2	22.4	21.7

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG26NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 26 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.073	0.292	13.49		13.5	13.5	13.5	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	1.159	4.636	3.224		3.2	3.2		0.01	0.0	0.0		0.2%	0.3%	
1234789-HpCDF	1.655	6.620	LT		0.8			0.01	0.0			0.0%		
123478-HxCDD	0.094	0.376	5.298		5.3	5.3	5.3	0.05	0.3	0.3	0.3	1.5%	2.2%	2.9%
123478-HxCDF	0.084	0.338	1.347		1.3	1.3	1.3	0.1	0.1	0.1	0.1	0.8%	1.1%	1.5%
123678-HxCDD	0.081	0.326	7.687		7.7	7.7	7.7	0.01	0.1	0.1	0.1	0.4%	0.6%	0.8%
123678-HxCDF	0.070	0.28	2.392		2.4	2.4	2.4	0.1	0.2	0.2	0.2	1.4%	2.0%	2.6%
123789-HxCDD	0.080	0.319	2.71		2.7	2.7	2.7	0.1	0.3	0.3	0.3	1.6%	2.2%	3.0%
123789-HxCDF	0.957	3.828	LT	EMPC	0.5			0.1	0.0			0.3%		
12378-PeCDD	8.818	35.272	LT	EMPC	4.4			1	4.4			25.4%		
12378-PeCDF	0.146	0.584	0.719		0.7	0.7	0.7	0.1	0.1	0.1	0.1	0.4%	0.6%	0.8%
234678-HxCDF	15.26	61.04	LT	D	7.6			0.1	0.8			4.4%		
23478-PeCDF	0.110	0.44	1.52		1.5	1.5	1.5	1	1.5	1.5	1.5	8.8%	12.6%	16.8%
2378-TCDD	0.541	2.166	1.99		2	2		1	2.0	2.0		11.5%	16.4%	
2378-TCDF	0.19	0.758	0.655	U	0.7	0.7		1	0.7	0.7	0.7	3.8%	5.4%	
OCDD	0.143	0.571	19.2		19.2	19.2	19.2	0	0	0	0	0%	0%	0%
OCDF	1.875	7.5	LT	EMPC	0.9			0.0001	0.0			0.0%		
PCB 189	3.03	12.12	140		140	140	140	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	0.757	3.028	845		845	845	845	0.0001	0.1	0.1	0.1	0.5%	0.7%	0.9%
PCB 157	0.778	3.112	196		196	196	196	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 105	0.435	1.74	808		808	808	808	0.0001	0.1	0.1	0.1	0.5%	0.7%	0.9%
PCB 167	0.717	2.868	488		488	488	488	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 114	0.424	1.696	41		41	41	41	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.418	1.672	2710		2710	2710	2710	0.00001	0.0	0.0	0.0	0.2%	0.2%	0.3%
PCB 123	40.8	163.2	44.6		44.6	44.6		0.00001	0.0	0.0	0.0	0.0%	0.0%	
PCB 169	0.524	2.097	5.915		5.9	5.9	5.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.1%
PCB 126	0.770	3.081	42.3		42.3	42.3	42.3	0.1	4.2	4.2	4.2	24.4%	35.0%	46.7%
PCB 77	1.505	6.02	40.05		40.1	40.1	40.1	0.05	2.0	2.0	2.0	11.6%	16.6%	22.1%
PCB 81	1.468	5.872	3.682		3.7	3.7		0.1	0.4	0.4		2.1%	3.0%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		10.5	5.3	2.6
All PCBs		6.8	6.8	6.5
All PCDDs/PCDFs/PCBs		17.3	12.1	9.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG19NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 19 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.070	0.281	9.715		9.7	9.7	9.7	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.612	6.448	LT		0.8			0.01	0.0			0.0%	0.0%	
1234789-HpCDF	6.310	25.240	LT		3.2			0.01	0.0			0.1%		
123478-HxCDD	4.769	19.076	LT	EMPC	2.4			0.05	0.1			0.3%		
123478-HxCDF	0.144	0.574	1.202		1.2	1.2	1.2	0.1	0.1	0.1	0.1	0.3%	0.3%	0.3%
123678-HxCDD	7.751	31.004	LT		3.9			0.01	0.0			0.1%		
123678-HxCDF	0.130	0.52	3.131		3.1	3.1	3.1	0.1	0.3	0.3	0.3	0.7%	0.7%	0.7%
123789-HxCDD	0.183	0.734	1.202		1.2	1.2	1.2	0.1	0.1	0.1	0.1	0.3%	0.3%	0.3%
123789-HxCDF	0.867	3.468	LT	EMPC	0.4			0.1	0.0			0.1%		
12378-PeCDD	0.079	0.315	8.208		8.2	8.2	8.2	1	8.2	8.2	8.2	18.4%	19.1%	19.1%
12378-PeCDF	0.451	1.804	LT		0.2			0.1	0.0			0.1%		
234678-HxCDF	15.65	62.6	LT	D	7.8			0.1	0.8			1.8%		
23478-PeCDF	0.172	0.687	2.129		2.1	2.1	2.1	1	2.1	2.1	2.1	4.8%	4.9%	4.9%
2378-TCDD	0.615	2.461	3.76		3.8	3.8	3.8	1	3.8	3.8	3.8	8.4%	8.7%	8.7%
2378-TCDF	1.181	4.724	LT		0.6			1	0.6			1.3%		
OCDD	0.239	0.958	14.21		14.2	14.2	14.2	0	0	0	0	0%	0%	0%
OCDF	1.099	4.396	2.34		2.3			0.0001	0.0			0.0%		
PCB 189	1.33	5.32	269		269	269	269	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	2.07	8.28	5100	C	5100	5100	5100	0.0001	0.5	0.5	0.5	1.1%	1.2%	1.2%
PCB 157	2.12	8.48	848		848	848	848	0.0001	0.1	0.1	0.1	0.2%	0.2%	0.2%
PCB 105	1.12	4.48	7360		7360	7360	7360	0.0001	0.7	0.7	0.7	1.6%	1.7%	1.7%
PCB 167	1.96	7.84	1630		1630	1630	1630	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	1.09	4.36	368		368	368	368	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	1.02	4.08	17900	C	17900	17900	17900	0.00001	0.2	0.2	0.2	0.4%	0.4%	0.4%
PCB 123	1.09	4.36	229		229	229	229	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.433	1.732	10.79		10.8	10.8	10.8	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.353	1.412	171.2		171.2	171.2	171.2	0.1	17.1	17.1	17.1	38.3%	39.8%	39.8%
PCB 77	1.506	6.024	167.1		167.1	167.1	167.1	0.05	8.4	8.4	8.4	18.7%	19.4%	19.4%
PCB 81	1.409	5.636	13.47		13.5	13.5	13.5	0.1	1.3	1.3	1.3	3.0%	3.1%	3.1%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		16.3	14.7	14.7
All PCBs		28.4	28.4	28.4
All PCDDs/PCDFs/PCBs		44.7	43.1	43.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG053

SAMPLE TYPE: American kestrel egg

LOCATION: QC, spiked with PCB 126, 1031 pg/g

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.036	0.144	1.113	B	1.1	1.1	0.6	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	0.182	0.726	LT		0.1			0.01	0.0			0.0%	0.0%	0.0%
1234789-HpCDF	0.256	1.023	LT		0.1			0.01	0.0			0.0%	0.0%	0.0%
123478-HxCDD	0.066	0.264	0.426	B	0.4	0.4	0.2	0.05	0.0	0.0	0.0	0.0%	0.0%	0.0%
123478-HxCDF	0.041	0.164	LT		0			0.1	0.0			0.0%	0.0%	0.0%
123678-HxCDD	0.059	0.234	LT		0			0.01	0.0			0.0%	0.0%	0.0%
123678-HxCDF	0.035	0.14	0.343	B	0.3	0.3	0.2	0.1	0.0	0.0	0.0	0.0%	0.0%	0.0%
123789-HxCDD	0.057	0.227	LT		0			0.1	0.0			0.0%	0.0%	0.0%
123789-HxCDF	0.969	3.876	LT	EMPC	0.5			0.1	0.0			0.1%		
12378-PeCDD	0.057	0.229	0.64	B	0.6	0.6	0.3	1	0.6	0.6	0.3	0.7%	0.7%	0.3%
12378-PeCDF	0.179	0.716	LT		0.1			0.1	0.0			0.0%		
234678-HxCDF	0.311	1.244	LT	EMPC	0.2			0.1	0.0			0.0%		
23478-PeCDF	0.127	0.509	LT		0.1			1	0.1			0.1%		
2378-TCDD	0.567	2.266	LT		0.3			1	0.3			0.3%		
2378-TCDF	0.096	0.384	LT		0			1	0.0			0.0%		
OCDD	0.196	0.782	8.474	B	8.5	8.5	4.2	0	0	0	0	0%	0%	0%
OCDF	0.431	1.724	LT	EMPC	0.2			0.0001	0.0			0.0%		
PCB 189	1.39	5.56	LT		0.7			0.00001	0.0			0.0%		
PCB 156	1.89	7.56	10.4	B	10.4	10.4	5.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 157	1.94	7.76	2.72	B	2.7	2.7	0	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 105	0.68	2.72	42.8	B	42.8	42.8	21.4	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 167	1.79	7.16	3.8	B	3.8	3.8		0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.662	2.648	3		3	3	3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	0.608	2.432	114	B	114	114	57	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 123	0.65	2.6	LT		0.3			0.00001	0.0			0.0%		
PCB 169	0.136	0.544	2.196		2.2	2.2	2.2	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.741	2.966	943.6		943.6	943.6	943.6	0.1	94.4	94.4	94.4	98.0%	98.5%	99.3%
PCB 77	1.067	4.268	11.62	B	11.6	11.6	5.8	0.05	0.6	0.6	0.3	0.6%	0.6%	0.3%
PCB 81	1.008	4.032	1.806	B	1.8	1.8		0.1	0.2	0.2		0.2%	0.2%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.1	0.7	0.3
All PCBs		95.1	95.1	94.7
All PCDDs/PCDFs/PCBs		96.2	95.8	95

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG32NE

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 32 NE

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.099	0.397	18.83		18.8	18.8	18.8	0.001	0.0	0.0	0.0	0.1%	0.1%	0.1%
1234678-HpCDF	3.741	14.964	LT	EMPC	1.9			0.01	0.0			0.1%		
1234789-HpCDF	1.554	6.216	LT		0.8			0.01	0.0			0.0%		
123478-HxCDD	0.356	1.425	5.165		5.2	5.2	5.2	0.05	0.3	0.3	0.3	0.7%	0.8%	1.0%
123478-HxCDF	0.099	0.396	2.445		2.4	2.4	2.4	0.1	0.2	0.2	0.2	0.7%	0.8%	0.9%
123678-HxCDD	0.316	1.262	10.37		10.4	10.4	10.4	0.01	0.1	0.1	0.1	0.3%	0.3%	0.4%
123678-HxCDF	1.989	7.956	LT	D	1			0.1	0.1			0.3%		
123789-HxCDD	0.306	1.224	2.919		2.9	2.9	2.9	0.1	0.3	0.3	0.3	0.8%	1.0%	1.1%
123789-HxCDF	0.917	3.668	LT	EMPC	0.5			0.1	0.0			0.1%		
12378-PeCDD	8.453	33.812	LT	EMPC	4.2			1	4.2			12.0%		
12378-PeCDF	0.790	3.160	LT		0.4			0.1	0.0			0.1%		
234678-HxCDF	4.122	16.488	LT	D	2.1			0.1	0.2			0.6%		
23478-PeCDF	0.309	1.235	2.636		2.6	2.6	2.6	1	2.6	2.6	2.6	7.5%	8.6%	9.7%
2378-TCDD	1.033	4.132	2.207		2.2	2.2		1	2.2	2.2		6.3%	7.2%	
2378-TCDF	0.450	1.798	1.164	U	1.2	1.2		1	1.2	1.2		3.3%	3.8%	
OCDD	0.174	0.695	20.72		20.7	20.7	20.7	0	0	0	0	0%	0%	0%
OCDF	0.397	1.588	1.417		1.4	1.4		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	0.544	2.176	302		302	302	302	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	1.15	4.6	1890		1890	1890	1890	0.0001	0.2	0.2	0.2	0.5%	0.6%	0.7%
PCB 157	1.18	4.72	360		360	360	360	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	0.201	0.804	3100		3100	3100	3100	0.0001	0.3	0.3	0.3	0.9%	1.0%	1.1%
PCB 167	1.09	4.36	1040		1040	1040	1040	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.195	0.78	195		195	195	195	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	0.179	0.716	8050	C	8050	8050	8050	0.00001	0.1	0.1	0.1	0.2%	0.3%	0.3%
PCB 123	0.192	0.768	160		160	160	160	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	0.515	2.060	7.93		7.9	7.9	7.9	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.410	5.64	82.19		82.2	82.2	82.2	0.1	8.2	8.2	8.2	23.4%	27.0%	30.3%
PCB 77	5.104	20.416	250.6		250.6	250.6	250.6	0.05	12.5	12.5	12.5	35.7%	41.1%	46.2%
PCB 81	4.928	19.712	21.55		21.6	21.6	21.6	0.1	2.2	2.2	2.2	6.1%	7.1%	7.9%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		11.5	6.9	3.5
All PCBs		23.6	23.6	23.6
All PCDDs/PCDFs/PCBs		35.1	30.5	27.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG055

SAMPLE TYPE: American kestrel egg

LOCATION: QC, blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	1.351	5.404	LT	EMPC	0.7			0.001	0.0			0.0%		
1234678-HpCDF	0.089	0.358	LT		0			0.01	0.0			0.0%		
1234789-HpCDF	0.126	0.506	LT		0.1			0.01	0.0			0.0%		
123478-HxCDD	0.646	2.584	LT	EMPC	0.3			0.05	0.0			1.0%		
123478-HxCDF	0.048	0.193	LT		0			0.1	0.0			0.1%		
123678-HxCDD	0.077	0.307	LT		0			0.01	0.0			0.0%		
123678-HxCDF	0.407	1.628	LT	EMPC	0.2			0.1	0.0			1.2%		
123789-HxCDD	0.075	0.300	LT		0			0.1	0.0			0.2%		
123789-HxCDF	0.042	0.168	1.316		1.3	1.3	1.3	0.1	0.1	0.1	0.1	7.8%	17.6%	38.4%
12378-PeCDD	0.783	3.132	LT		0.4			1	0.4			23.3%		
12378-PeCDF	0.286	1.144	LT		0.1			0.1	0.0			0.9%		
234678-HxCDF	0.045	0.178	0.494	B	0.5	0.5	0.2	0.1	0.0	0.0	0.0	2.9%	6.6%	7.2%
23478-PeCDF	0.15	0.6	LT		0.1			1	0.1			4.5%		
2378-TCDD	0.444	1.776	LT		0.2			1	0.2			13.2%		
2378-TCDF	0.290	1.159	LT		0.1			1	0.1			8.6%		
OCDD	0.126	0.503	13.56		13.6	13.6	13.6	0	0	0	0	0%	0%	0%
OCDF	0.619	2.476	LT	EMPC	0.3			0.0001	0.0			0.0%		
PCB 189	1.3	5.2	LT		0.7			0.00001	0.0			0.0%		
PCB 156	1.15	4.6	11.2	B	11.2	11.2	5.6	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 157	1.91	7.64	LT		1			0.0001	0.0			0.0%		
PCB 105	0.627	2.508	38.3	B	38.3	38.3	19.2	0.0001	0.0	0.0	0.0	0.2%	0.5%	0.6%
PCB 167	1.09	4.36	5.39	B	5.4	5.4	2.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.611	2.444	2.43		2.4	2.4	0	0.0001	0.0	0.0	0.0	0.0%	0.0%	
PCB 118	0.578	2.312	95.9	B	95.9	95.9	48	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123	0.618	2.472	LT		0.3			0.00001	0.0			0.0%		
PCB 169	0.162	0.648	LT		0.1			0.001	0.0			0.0%		
PCB 126	0.766	3.064	LT		0.4			0.1	0.0			2.3%		
PCB 77	1.452	5.808	7.338	B	7.3	7.3	3.7	0.05	0.4	0.4	0.2	21.8%	48.9%	53.5%
PCB 81	1.384	5.536	1.957	B	2	2		0.1	0.2	0.2		11.6%	26.1%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.0	0.2	0.2
All PCBs		0.6	0.6	0.2
All PCDDs/PCDFs/PCBs		1.6	0.8	0.4

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG056

SAMPLE TYPE: American kestrel egg

LOCATION: QC, blank

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.038	0.154	1.189	B	1.2	1.2	0.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
1234678-HpCDF	0.366	1.465	LT		0.2			0.01	0.0			0.1%		
1234789-HpCDF	0.545	2.178	LT		0.3			0.01	0.0			0.1%		
123478-HxCDD	0.150	0.600	0.684		0.7	0.7	0.7	0.05	0.0	0.0	0.0	1.5%	2.1%	13.9%
123478-HxCDF	0.172	0.688	LT		0.1			0.1	0.0			0.4%		
123678-HxCDD	0.130	0.518	LT		0.1			0.01	0.0			0.0%		
123678-HxCDF	0.419	1.676	LT	EMPC	0.2			0.1	0.0			0.9%		
123789-HxCDD	0.127	0.509	LT		0.1			0.1	0.0			0.3%		
123789-HxCDF	1.56	6.24	LT	EMPC	0.8			0.1	0.1			3.4%		
12378-PeCDD	0.355	1.421	0.809	B	0.8	0.8		1	0.8	0.8		35.6%	50.5%	
12378-PeCDF	0.261	1.044	LT		0.1			0.1	0.0			0.6%		
234678-HxCDF	0.554	2.216	LT	EMPC	0.3			0.1	0.0			1.2%		
23478-PeCDF	0.281	1.124	LT		0.1			1	0.1			6.2%		
2378-TCDD	0.622	2.488	LT		0.3			1	0.3			13.7%		
2378-TCDF	0.116	0.465	LT		0.1			1	0.1			2.6%		
OCDD	0.205	0.818	8.321	B	8.3	8.3	4.2	0	0	0	0	0%	0%	0%
OCDF	0.180	0.722	0.616	B	0.6	0.6		0.0001	0.0	0.0		0.0%	0.0%	
PCB 189	2.26	9.04	LT		1.1			0.00001	0.0			0.0%		
PCB 156	1.43	5.72	12.9	B	12.9	12.9	6.5	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.3%
PCB 157	1.47	5.88	LT		0.7			0.0001	0.0			0.0%		
PCB 105	0.565	2.26	44.7	B	44.7	44.7	22.4	0.0001	0.0	0.0	0.0	0.2%	0.3%	0.9%
PCB 167	1.35	5.4	4.18	B	4.2	4.2		0.00001	0.0	0.0	0.0	0.0%	0.0%	
PCB 114	0.55	2.2	LT		0.3			0.0001	0.0			0.0%		
PCB 118	0.513	2.052	114	B	114	114	57	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 123	6.69	26.76	LT	EMPC	3.3			0.00001	0.0			0.0%		
PCB 169	0.588	2.352	LT	EMPC	0.3			0.001	0.0			0.0%		
PCB 126	1.051	4.204	1.516	B	1.5	1.5		0.1	0.2	0.2		6.7%	9.5%	
PCB 77	1.122	4.488	8.345	B	8.3	8.3	4.2	0.05	0.4	0.4	0.2	18.4%	26.0%	84.5%
PCB 81	1.112	4.448	1.834	B	1.8	1.8		0.1	0.2	0.2		8.1%	11.4%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		1.5	0.8	0
All PCBs		0.8	0.8	0.2
All PCDDs/PCDFs/PCBs		2.3	1.6	0.2

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG30NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 30 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.024	0.096	13.81		13.8	13.8	13.8	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
1234678-HpCDF	1.203	4.812	1.691		1.7	1.7		0.01	0.0	0.0		0.0%	0.0%	0.0%
1234789-HpCDF	1.654	6.616	LT		0.8			0.01	0.0			0.0%	0.0%	0.0%
123478-HxCDD	0.492	1.968	4.324		4.3	4.3	4.3	0.05	0.2	0.2	0.2	0.2%	0.3%	0.3%
123478-HxCDF	0.073	0.290	1.366		1.4	1.4	1.4	0.1	0.1	0.1	0.1	0.2%	0.2%	0.2%
123678-HxCDD	0.421	1.684	7.766		7.8	7.8	7.8	0.01	0.1	0.1	0.1	0.1%	0.1%	0.1%
123678-HxCDF	1.418	5.672	LT	D	0.7			0.1	0.1			0.1%	0.0%	0.0%
123789-HxCDD	0.415	1.659	1.458		1.5	1.5		0.1	0.1	0.1		0.2%	0.2%	0.0%
123789-HxCDF	0.069	0.278	0.998	B	1	1	0.5	0.1	0.1	0.1	0.1	0.1%	0.1%	0.1%
12378-PeCDD	0.115	0.459	6.744		6.7	6.7	6.7	1	6.7	6.7	6.7	7.8%	7.8%	8.1%
12378-PeCDF	0.141	0.564	1.083		1.1	1.1	1.1	0.1	0.1	0.1	0.1	0.1%	0.1%	0.1%
234678-HxCDF	14.630	58.520	LT	D	7.3			0.1	0.7			0.8%	0.0%	0.0%
23478-PeCDF	0.105	0.419	6.396		6.4	6.4	6.4	1	6.4	6.4	6.4	7.4%	7.4%	7.7%
2378-TCDD	0.314	1.255	1.384		1.4	1.4	1.4	1	1.4	1.4	1.4	1.6%	1.6%	1.7%
2378-TCDF	0.268	1.070	5.609	U	5.6	5.6	2.8	1	5.6	5.6	2.8	6.5%	6.5%	3.4%
OCDD	0.071	0.285	43		43	43	43	0	0	0	0	0%	0%	0%
OCDF	0.143	0.571	3.143		3.1	3.1	3.1	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	14.3	57.2	1720		1720	1720	1720	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	0.185	0.74	11300	C	11300	11300	11300	0.0001	1.1	1.1	1.1	1.3%	1.3%	1.4%
PCB 157	0.19	0.76	1290		1290	1290	1290	0.0001	0.1	0.1	0.1	0.1%	0.2%	0.2%
PCB 105	2.36	9.44	9700	C	9700	9700	9700	0.0001	1.0	1.0	1.0	1.1%	1.1%	1.2%
PCB 167	0.176	0.704	3430	C	3430	3430	3430	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	2.3	9.2	467		467	467	467	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 118	2.16	8.64	24300	S	24300	24300	24300	0.00001	0.2	0.2	0.2	0.3%	0.3%	0.3%
PCB 123			427		427	427	427	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.185	4.740	25.11		25.1	25.1	25.1	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	0.220	0.879	352.8		352.8	352.8	352.8	0.1	35.3	35.3	35.3	40.7%	41.0%	42.5%
PCB 77	6.193	24.772	488.7		488.7	488.7	488.7	0.05	24.4	24.4	24.4	28.2%	28.4%	29.5%
PCB 81	5.573	22.292	27.01		27	27	27	0.1	2.7	2.7	2.7	3.1%	3.1%	3.3%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		21.7	20.9	17.9
All PCBs		65	65	65
All PCDDs/PCDFs/PCBs		86.7	85.9	82.9

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: AKEG27NW

SAMPLE TYPE: American kestrel egg

LOCATION: On-post, Section 27 NW

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.073	0.292	44.58		44.6	44.6	44.6	0.001	0.0	0.0	0.0	0.1%	0.1%	0.2%
1234678-HpCDF	1.235	4.940	8.895		8.9	8.9	8.9	0.01	0.1	0.1	0.1	0.3%	0.3%	0.3%
1234789-HpCDF	1.714	6.856	LT		0.9			0.01	0.0			0.0%		
123478-HxCDD	0.331	1.322	11.56		11.6	11.6	11.6	0.05	0.6	0.6	0.6	1.8%	1.9%	2.1%
123478-HxCDF	0.050	0.200	2.945		2.9	2.9	2.9	0.1	0.3	0.3	0.3	0.9%	1.0%	1.1%
123678-HxCDD	0.274	1.098	21.1		21.1	21.1	21.1	0.01	0.2	0.2	0.2	0.7%	0.7%	0.8%
123678-HxCDF	0.044	0.174	4.598		4.6	4.6	4.6	0.1	0.5	0.5	0.5	1.4%	1.5%	1.7%
123789-HxCDD	0.274	1.095	10.23		10.2	10.2	10.2	0.1	1.0	1.0	1.0	3.2%	3.3%	3.7%
123789-HxCDF	0.045	0.182	0.952	B	1	1	0.5	0.1	0.1	0.1	0.0	0.3%	0.3%	0.2%
12378-PeCDD	0.635	2.541	15.18		15.2	15.2	15.2	1	15.2	15.2	15.2	47.3%	49.2%	54.7%
12378-PeCDF	0.287	1.149	1.242	D	1.2	1.2	1.2	0.1	0.1	0.1	0.1	0.4%	0.4%	0.4%
234678-HxCDF	14.280	57.120	LT		7.1			0.1	0.7			2.2%		
23478-PeCDF	0.222	0.890	3.066		3.1	3.1	3.1	1	3.1	3.1	3.1	9.6%	9.9%	11.0%
2378-TCDD	1.037	4.148	2.562		2.6	2.6		1	2.6	2.6		8.0%	8.3%	
2378-TCDF	0.982	3.928	LT	EMPC	0.5			1	0.5			1.5%		
OCDD	0.295	1.181	43.94		43.9	43.9	43.9	0	0	0	0	0%	0%	0%
OCDF	0.257	1.028	2.982		3	3	3	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	1.38	5.52	328		328	328	328	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 156	0.675	2.7	1220		1220	1220	1220	0.0001	0.1	0.1	0.1	0.4%	0.4%	0.4%
PCB 157	0.693	2.772	258		258	258	258	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 105	1.26	5.04	925		925	925	925	0.0001	0.1	0.1	0.1	0.3%	0.3%	0.3%
PCB 167	0.639	2.556	695		695	695	695	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	1.23	4.92	44.2		44.2	44.2	44.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 118	1.16	4.64	2500		2500	2500	2500	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.1%
PCB 123		56			56	56	56	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 169	1.045	4.180	8.177		8.2	8.2	8.2	0.001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 126	1.236	4.944	44.36		44.4	44.4	44.4	0.1	4.4	4.4	4.4	13.8%	14.4%	16.0%
PCB 77	3.048	12.192	38.57		38.6	38.6	38.6	0.05	1.9	1.9	1.9	6.0%	6.2%	6.9%
PCB 81	2.956	11.824	4.791		4.8	4.8		0.1	0.5	0.5		1.5%	1.6%	

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		25.0	23.8	21.2
All PCBs		7.1	7.1	6.7
All PCDDs/PCDFs/PCBs		32.1	30.9	27.8

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: 99FD305

SAMPLE TYPE: Feed

LOCATION: N/A

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.365	1.460	LT	EMPC	0.2			0.001	0.0			0.0%	0.0%	0.0%
1234678-HpCDF	0.016	0.065	LT		0			0.01	0.0			0.0%	0.0%	0.0%
1234789-HpCDF	0.025	0.098	LT		0			0.01	0.0			0.0%	0.0%	0.0%
123478-HxCDD	0.182	0.728	LT	EMPC	0.1			0.05	0.0			0.7%	0.0%	0.0%
123478-HxCDF	0.014	0.057	LT		0			0.1	0.0			0.1%	0.0%	0.0%
123678-HxCDD	0.020	0.079	LT		0			0.01	0.0			0.0%	0.0%	0.0%
123678-HxCDF	0.111	0.444	LT	EMPC	0.1			0.1	0.0			0.9%	0.0%	0.0%
123789-HxCDD	0.019	0.077	LT		0			0.1	0.0			0.1%	0.0%	0.0%
123789-HxCDF	0.017	0.069	0.368	B	0.4	0.4	0.2	0.1	0.0	0.0	0.0	5.7%	8.8%	21.0%
12378-PeCDD	0.101	0.403	0.245	B	0.2	0.2		1	0.2	0.2		37.9%	58.3%	0.0%
12378-PeCDF	0.064	0.256	LT		0			0.1	0.0			0.5%	0.0%	0.0%
234678-HxCDF	0.102	0.408	LT	EMPC	0.1			0.1	0.0			0.8%	0.0%	0.0%
23478-PeCDF	0.044	0.176	LT		0			1	0.0			3.4%	0.0%	0.0%
2378-TCDD	0.208	0.833	LT		0.1			1	0.1			16.1%	0.0%	0.0%
2378-TCDF	0.088	0.351	LT		0			1	0.0			6.8%	0.0%	0.0%
OCDD	0.107	0.428	2.971	B	3	3	1.5	0	0	0	0	0%	0%	0%
OCDF	0.101	0.403	LT		0.1			0.0001	0.0			0.0%	0.0%	0.0%
PCB 189	0.401	1.604	LT		0.2			0.00001	0.0			0.0%	0.0%	0.0%
PCB 156	0.273	1.092	5.61	B	5.6	5.6	2.8	0.0001	0.0	0.0	0.0	0.1%	0.1%	0.3%
PCB 157	1.25	5	LT	EMPC	0.6			0.0001	0.0			0.0%	0.0%	0.0%
PCB 105	0.21	0.84	14.2	B	14.2	14.2	7.1	0.0001	0.0	0.0	0.0	0.2%	0.3%	0.8%
PCB 167	0.258	1.032	2.28	B	2.3	2.3	1.1	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.693	2.772	LT		0.3			0.0001	0.0			0.0%	0.0%	0.0%
PCB 118	0.197	0.788	33.6	B	33.6	33.6	16.8	0.00001	0.0	0.0	0.0	0.1%	0.1%	0.2%
PCB 123	0.21	0.84	LT		0.1			0.00001	0.0			0.0%	0.0%	0.0%
PCB 169	0.069	0.275	LT		0			0.001	0.0			0.0%	0.0%	0.0%
PCB 126	0.202	0.806	LT		0.1			0.1	0.0			1.6%	0.0%	0.0%
PCB 77	0.490	1.960	2.72	B	2.7	2.7	1.4	0.05	0.1	0.1	0.1	21.1%	32.4%	77.7%
PCB 81	0.499	1.996	LT		0.2			0.1	0.0			3.9%	0.0%	0.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		0.4	0.2	0
All PCBs		0.2	0.1	0.1
All PCDDs/PCDFs/PCBs		0.6	0.3	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.

AMERICAN KESTREL EGGS
RAW DATA AND CALCULATION OF TEQ VALUES

SAMPLE NAME: 99FD306

SAMPLE TYPE: Feed

LOCATION: N/A

Analyte	Analytical Limits		Results		Adjusted Concentrations ^a			WHO TEFs Bird	Calculated TEQs ^b			Percent of total TEQ		
	MDL	MQL	Conc ^c	Flag/Qual ^d	Full	Partial	Quant		Full	Partial	Quant	Full	Partial	Quant
1234678-HpCDD	0.006	0.026	0.565	B	0.6	0.6	0.3	0.001	0.0	0.0	0.0	0.1%	0.5%	0.5%
1234678-HpCDF	0.093	0.373	LT		0			0.01	0.0			0.1%	0.0%	0.0%
1234789-HpCDF	0.145	0.582	LT		0.1			0.01	0.0			0.2%	0.0%	0.0%
123478-HxCDD	0.019	0.076	0.112	B	0.1	0.1	0.1	0.05	0.0	0.0	0.0	1.5%	4.7%	4.7%
123478-HxCDF	0.01	0.04	LT		0			0.1	0.0			0.1%	0.0%	0.0%
123678-HxCDD	0.017	0.068	LT		0			0.01	0.0			0.0%	0.0%	0.0%
123678-HxCDF	0.107	0.428	LT	EMPC	0.1			0.1	0.0			1.4%	0.0%	0.0%
123789-HxCDD	0.016	0.066	LT		0			0.1	0.0			0.2%	0.0%	0.0%
123789-HxCDF	0.338	1.352	LT	EMPC	0.2			0.1	0.0			4.4%	0.0%	0.0%
12378-PeCDD	0.177	0.708	LT		0.1			1	0.1			23.0%	0.0%	0.0%
12378-PeCDF	0.019	0.077	LT		0			0.1	0.0			0.3%	0.0%	0.0%
234678-HxCDF	0.138	0.552	LT	EMPC	0.1			0.1	0.0			1.8%	0.0%	0.0%
23478-PeCDF	0.014	0.055	LT		0			1	0.0			1.8%	0.0%	0.0%
2378-TCDD	0.169	0.675	LT		0.1			1	0.1			22.0%	0.0%	0.0%
2378-TCDF	0.034	0.136	LT		0			1	0.0			4.4%	0.0%	0.0%
OCDD	0.079	0.317	3.756	B	3.8	3.8	1.9	0	0	0	0	0%	0%	0%
OCDF	0.054	0.218	0.376	B	0.4	0.4	0.2	0.0001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 189	0.365	1.46	LT		0.2			0.00001	0.0			0.0%	0.0%	0.0%
PCB 156	0.297	1.188	2.91	B	2.9	2.9	1.5	0.0001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 157	0.764	3.056	LT	EMPC	0.4			0.0001	0.0			0.0%	0.0%	0.0%
PCB 105	0.138	0.552	10.5	B	10.5	10.5	5.3	0.0001	0.0	0.0	0.0	0.3%	0.9%	0.9%
PCB 167	0.282	1.128	1.37	B	1.4	1.4	0.7	0.00001	0.0	0.0	0.0	0.0%	0.0%	0.0%
PCB 114	0.134	0.536	LT		0.1			0.0001	0.0			0.0%	0.0%	0.0%
PCB 118	0.13	0.52	26.8	B	26.8	26.8	13.4	0.00001	0.0	0.0	0.0	0.1%	0.2%	0.2%
PCB 123	0.139	0.556	LT		0.1			0.00001	0.0			0.0%	0.0%	0.0%
PCB 169	0.048	0.192	LT		0			0.001	0.0			0.0%	0.0%	0.0%
PCB 126	0.315	1.259	LT		0.2			0.1	0.0			4.1%	0.0%	0.0%
PCB 77	0.436	1.746	2.232	B	2.2	2.2	1.1	0.05	0.1	0.1	0.1	29.0%	93.4%	93.4%
PCB 81	0.391	1.562	LT		0.2			0.1	0.0			5.1%	0.0%	0.0%

Total		TEQs		
		Full	Partial	Quant
All PCDDs/PCDFs		0.2	0	0
All PCBs		0.2	0.1	0.1
All PCDDs/PCDFs/PCBs		0.4	0.1	0.1

All concentrations and TEQs are expressed in parts per trillion (ppt).

^a A description of data subsets is found in Section 4.0. Based on the laboratory analytical detection limit of 1 ppt, adjusted concentrations are rounded to the nearest tenth.

^b Calculated TEQs, the product of the laboratory adjusted concentration and WHO TEFs (1998), are expressed to the nearest tenth, values expressed as 0.0 are less than 0.05. The summation of all PCDDs/PCDFs, PCBs and PCDDs/PCDFs/PCBs for each sample is rounded to the nearest tenth. Shaded cells are the results used to derive sample total TEQs for dioxins and furans.

^c Analytical laboratory concentration results are expressed to the nearest one-thousandth.

^d Definitions for flags and qualifiers are found on page 1 of Appendix C-1.